



*The*  
**CHEMIST AND DRUGGIST**  
 for RETAILER - WHOLESALE - MANUFACTURER

Published 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

3331  
CXL

DECEMBER 11, 1943

Annual Subscription (with  
Diary) 25/- Single Copies 6d.

**New**

# PROPAMIDINE JELLY and CREAM

**for the prevention  
and treatment of sepsis**

PROPAMIDINE is one of a series of aromatic diamidines, synthesised in the May & Baker research laboratories. It possesses anti-bacterial properties which are not inhibited by pus and tissue fluids or para-aminobenzoic acid. Propamidine is active against sulphonamide resistant strains of beta-haemolytic streptococci.

**PROPAMIDINE JELLY**, for the treatment of  
established sepsis in wounds and burns :—

Jars of 4 ozs. 4s. 0d. (subject, plus Purchase Tax)

Jars of 16 ozs. 15s. 0d. (subject, plus Purchase Tax)

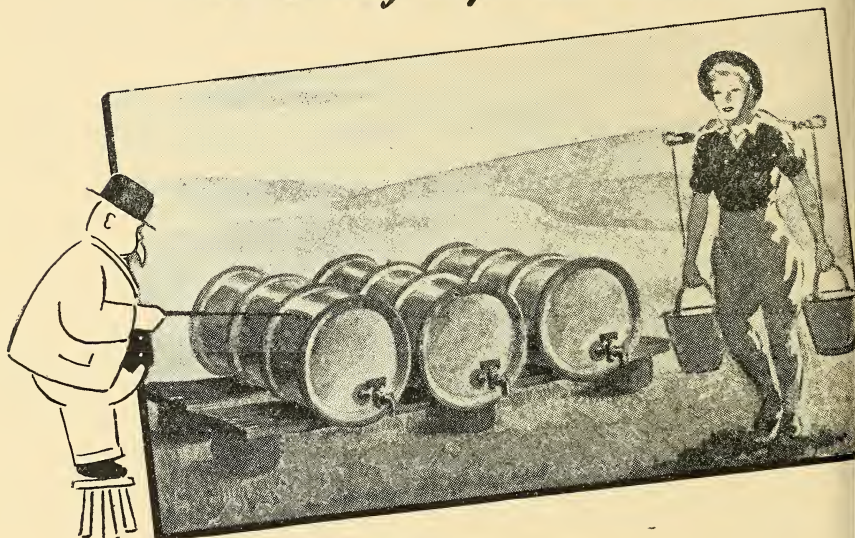
**PROPAMIDINE CREAM** more suitable for "first aid"  
application to uninfected wounds and burns :—

Jars of 4 ozs. 5s. 9d. (subject, plus Purchase Tax)



Manufactured by MAY & BAKER LIMITED Distributed by  
 PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LIMITED, DAGENHAM

*Our Roving Reporter writes:*



## “Sabotage on the Farm!”

“... there, slap in the middle of the field, for anyone to see, three almost-new Cresylic drums—being used as water storage! Farmer said he’d ‘picked ’em up cheap’ and found them mighty useful. I quite believe it. *But who was the saboteur who sold them, instead of sending them back, at once, to go on doing their proper, vital wartime job as Cresylic drums?* I haven’t traced him yet but I bet he’d squeal all right if he were told ‘no empties, no deliveries!’”

IN YOUR OWN INTERESTS, keep the drums rolling. Drums—requiring steel and labour to make them—are in short supply. Don’t damage them, don’t refill them—and above all, return them when empty. Help the Chemical Industry to deliver all the chemicals the nation needs in the minimum number of drums.

# **Monsanto**

**MONSANTO CHEMICALS LIMITED, RUABON, WREXHAM, DENBIGHSHIRE.**

A1907

## TWO WHOOPING-COUGH VACCINES:

### *Standard and Forte*

● Whooping-Cough Dissolved Vaccine overcomes the earlier difficulties associated with vaccine therapy, such as toxicity, and delayed antibody response.

This dissolved vaccine is prepared from strains in phase 1. The bacteria are in solution. The antigenic content of the vaccine, being in solution, is immediately available for uniform antibody production. The solvent, sodium lauryl sulphate, is not only non-toxic, but also reduces the toxicity of the vaccine.

Each cc. contains the antigens of *H. pertussis* 10,000 million.

\* \* \* \* \*

Many doctors prefer to give whooping-cough vaccine in large doses. To meet this need we introduced in 1938 an additional whooping-cough vaccine of high potency to provide large doses in the usual small bulk.

Each cc. of Whooping-Cough *forte* Dissolved Vaccine contains the antigens of 50,000 million *H. pertussis*.

## DISSOLVED VACCINES

Glaxo

*Standard* 5, 10, 25 cc. bottles.

*Forte* 5 cc. bottles.

PRODUCT OF THE  
GLAXO LABORATORIES



GLAXO LABORATORIES LTD., GREENFORD, MIDDLESEX. BYRON 3434

A



## ***The wholesalers' dilemma***

Amid all the trials that beset him in war-time, the retail chemist may well be forgiven an occasional show of impatience with his wholesaler.

But is it fair? Never was application more justified of the old saying—'Don't shoot the pianist, he's doing his best.'

In our experience that is exactly what wholesalers are doing to-day—their *best*. Transport difficulties disturb the regularity of deliveries, which are nearly always insufficient. When a consignment does arrive, the major problem arises—"How shall we parcel out this little lot?"

We, the proprietors of Ribena Blackcurrant Syrup, ask for the continued tolerance of retailers toward their wholesalers. Just as you are doing your best for *your* customers, be assured that the wholesalers and we are doing the best *for you*, in increasingly difficult circumstances.

When ordering Ribena, the watchword must still be "small quantities regularly."

***Ribena***  
**BLACKCURRANT SYRUP**

H. W. Carter & Co., Ltd., The Old Refinery, Bristol 2



# **MEDICAL EVANS SUPPLIES**

## **Modern treatment of Scabies with BENZEVAN CREAM**

Before being issued, Benzevan Cream was clinically tested and all the reports on these trials agree that this cream provides an effective, clean and economical treatment for scabies.

Benzevan Cream contains 25 per cent benzyl benzoate in a vanishing cream type of base. It must not be confused with Benzevan which is a liquid preparation.

### **Retail prices (*inc. tax*)**

2 oz. jars - 2/11 each. 12 oz. jars - 10/- each. 46 oz. jars - 35/- each.

### **EVANS SONS LESCHER & WEBB LTD**

Liverpool and London



# “SANDOZ”

## P R O D U C T S

**BASERGIN**

Tablets Solution  
Ampoules

**BELLADENAL**

Tablets

**BELLAFOLINE**

Ampoules

**CALCIBRONAT**

Tablets Granules  
Ampoules

**CALCIUM SANDOZ**

Powder Ampoules

**CEDILANID**

Tablets Solution  
Ampoules Suppositories

**DIGILANID**

Tablets Solution  
Ampoules Suppositories

**FELAMINE**

Tablets

**FEMERGIN**

Tablets Solution  
Ampoules

**LOBELINE**

Ampoules

**NEO-FEMERGIN**

Tablets Solution  
Ampoules

**SANDOPTAL**

Tablets

**SCILLAREN**

Tablets Solution  
Ampoules

**STROPHOSID**

Ampoules

Trade Price List available on application



*All Technical Enquiries should be addressed to:*

**C. WALKER, SANDOZ PRODUCTS**

134 Wigmore Street, London, W.1.

*Wholesale Distributors:*

**BROOKS & Warburton, Ltd.**

232-240 Vauxhall Bridge Road, London, S.W.1

So many  
to-day rely  
on

**Cephos**  
Pronounced See-foss  
THE PHYSICIANS' REMEDY

To save material Cephos Powders are no longer packed in 1/3 cartons but are supplied loose from the larger pack.

8 Powders or 16 Tablets, 1/3

21 " " 42 " 3/-

Single Dose, 2d.  
Including Purchase Tax

CEPHOS LTD., BLACKBURN

ATA

## INDEX TO ADVERTISERS

*The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper should not be taken as an indication that they are necessarily available for export.*

Allen, Stafford, & Sons, Ltd.	20
Anglo-French Drug Co., Ltd.	viii
Aspro, Ltd.	x
Barnett & Foster, Ltd.	12
Blyton Astley & Co., Ltd.	Leader Page
Boots Pure Drug Co., Ltd.	xi
Briccas, Ltd.	16
British Drug Houses, Ltd., The	i
British Dyewood Co., Ltd.	ii
British Felsol Co., Ltd.	Cover iv
Burge, Warren & Ridgley, Ltd.	24
Burrough, James, Ltd.	Leader Page
Burroughs Wellcome & Co.	25
Carillon Press, Ltd.	22
Carmel Exporters & Importers, Ltd.	Col. Supp.
Carnick, G. W., Co.	10
Carter, H. W., & Co., Ltd.	2
Cephos, Ltd.	5
Clinical Products, Ltd.	ix
Continental Laboratories, Ltd.	iv
Cooper, Son & Co., Ltd.	Leader Page
Cox, Arthur H., & Co., Ltd.	8
D.D.D. Co., Ltd.	12
Dae Health Laboratories, Ltd.	13
Dangoor, N. S., Ltd.	ii
Daniel, Richard, & Son, Ltd.	11
Demuth, R., Ltd.	24
De Witt, E. C., & Co., Ltd.	viii
Dublin College of Optics	Col. Supp.
Elbalm Pharmaceutical Specialities Co.	12

(continued overleaf)

## Increasing demand for SEROCALCIN

The regular advertisements now appearing in the National Press are bringing a greatly increased demand for Serocalcin

This is making a heavy call on our stocks and Chemists are invited to co-operate by ordering well in advance

**SEROCALCIN PREVENTS COLDS**

HARWOODS LABORATORIES LTD. WATFORD HERTS

Watford 4457



## INDEX—(contd.)

Evans, Adlard & Co., Ltd.	18	Matthews Laboratories, Ltd.	Leader Pa
Evans Sons Lescher & Webb, Ltd.	3	Matthews, S., & Co., Ltd.	
Fennings, A.	Leader Page	Midgley & Parkinson, Ltd.	
Fink, F. & Co.	iv	Monsanto Chemicals, Ltd.	Cove
Franco-British Electrical Co., Ltd.	16	National Glass Works (York), Ltd.	
Freudentheil, Smith & Co.	ii	Ormerod Engineers, Ltd.	
Fryer & Co. (Nelson), Ltd.	24	Oxo, Ltd.	
Gale, Baiss & Co., Ltd.	11	Perken, Son & Co., Ltd.	
Gardner, W., & Sons (Glos.), Ltd.	17	Pharmaceutical Specialities (May & Baker), Ltd.	Front Co
George, Ernest J., & Co.	Col. Supp.	Pierson Morrell & Co., Ltd.	
Glaxo Laboratories, Ltd.	1	Porteus, Geo., & Sons (Leeds), Ltd.	
Goldstone Chemical Works	Leader Page	Potter & Clarke, Ltd.	
Graesser, N. H.	iii	Prentice Research Laboratories	Col. Sup
Graesser Salicylates, Ltd.	iv	Prideaux's, Ltd.	
Griffiths Hughes, E., Ltd.	vi	Pure Chemical Products, Ltd.	
Harrington's	Col. Supp.	Rendell, W. J., Ltd.	
Harwoods Laboratories, Ltd.	5	Roberts' Patent Filling Machine Co., Ltd.	
Heward, R. H., Co.	14	Roche Products, Ltd.	
Hobson, Trimble & Co., Ltd.	12	Rodmill Chemical Co.	
H. S. Bottle Co.	Col. Supp.	Ronaldson, J., & Co., Ltd.	
Hunter Garnett & Co., Ltd.	Col. Supp.	Sandoz Products	
Imperial Chemical [Pharmaceuticals] Ltd.	vii	Scholl Manufacturing Co., Ltd.	
International Chemical Co., Ltd.	xiv	Scurr, C. A.	Col. Sup
International Laboratories, Ltd.	10, xi	Sessions, W., Ltd.	Leader Pa
Jeffreys, Miller & Co., Ltd.	12	Singha, The Dr., Co., Ltd.	
Jobling, J. A., & Co., Ltd.	18	Slip Products, Ltd.	
Johnson & Sons, Manufacturing Chemists, Ltd.	iii	Smith, T. & H., Ltd.	
Johnson Agencies (Proprietaries), Ltd.	xii	Splendor, Ltd.	14,
Kearsley, C. & G., Ltd.	11	Stokes, C. A., & Co., Ltd.	
Kemball, Bishop & Co., Ltd.	Cover iii	Sturge, John & E., Ltd.	
Kerfoot, T., & Co., Ltd.	26	Taylor, C. J., Embex, Ltd.	
Knox, John, (Stoke-on-Trent), Ltd.	Leader Page	Tonicity Laboratories, Ltd.	
Lax & Shaw, Ltd.	19	Tyne Truck & Trolley Co., Ltd.	
Lennard Lee-Narvill & Co.	16	United Drug Co., Ltd.	
Light, L., & Co., Ltd.	iv	Urillac Co., Ltd.	
Lofthouse & Saltmer, Ltd.	x	Varsity Perfumery Co., Ltd.	
Manesty Machines, Ltd.	21	Ward, T., & Sons, Ltd.	
Marlyn (Hairdressers), Ltd.	Col. Supp.	Wilcox, Jozeau & Co., Ltd.	
Marns, T., Ltd.	10	Yates, S.	
		Zeal, G. H., Ltd.	Cover

# Display **URILLAC** and get your share of growing Sales



Many chemists are finding that Urillac displays are paying them well. If you are not getting your fair share of the growing public demand for URILLAC, link up with our National Advertising by counter and window displays.

On the **P.A.T.A.** protected list



**THE URILLAC COMPANY LTD. RAWDON · LEEDS**



THE high standard of advertising which characterises Rendell's Products is in keeping with their excellence of manufacture. The pharmacist who displays Rendell's Products increases prestige and turnover alike. Keep ample stocks of Nurse Drew's Booklet, "Hygiene for Women," which thousands of women are demanding daily.

*Rendell's*

PRODUCTS

P.A.T.A.

FOR FEMININE HYGIENE

W. J. RENDELL LTD. HARDWICK HOUSE · 161-5 ROSEBERY AVENUE · LONDON E.C.1



# ARTHUR H. COX & CO. LTD

## BRIGHTON



### PILLS, TABLETS, SOLVELLÆ, PHARMACEUTICALS



An organisation with vast experience  
and up-to-date manufacturing facilities  
under the care and control of qualified chemists



TELEPHONE:  
BRIGHTON 3084-5

TELEGRAMS:  
COX · BRIGHTON

# "National" Service



WHITE FLINT GLASS CONTAINERS  
OF EXCELLENT QUALITY BACKED UP  
BY FIRST CLASS SERVICE

WHOLESALE ONLY

*Restrictions outside our control, may not allow us to meet every requirement*

## NATIONAL GLASS WORKS (YORK) LTD.

WORKS: FISHERGATE, YORK

LONDON OFFICE: 105 HATTON GARDEN, E.C.1

Telephone: York 3021

Telephone: Holborn 2146



# “OXOID”

The word “OXOID” is the trade mark of OXO Ltd., and is used in connection with their therapeutical preparations both in tablet and fluid extract form.  
ORGANO-THERAPEUTICAL PRODUCTS

OXO LABORATORY PREPARATIONS

for PERNICIOUS ANAEMIA

## “ERYTHOID”

“Erythoid” is desiccated gastric tissue, manufactured at a low temperature.

An efficient preparation and can be confidently recommended as an alternative or a substitute for liver in the treatment of Pernicious Anæmia.

Put up in Vials, each of which contains 15 grams of desiccated gastric tissue; and can be administered by mouth, mixed with milk.

*In boxes of 10 Vials (7/6).*

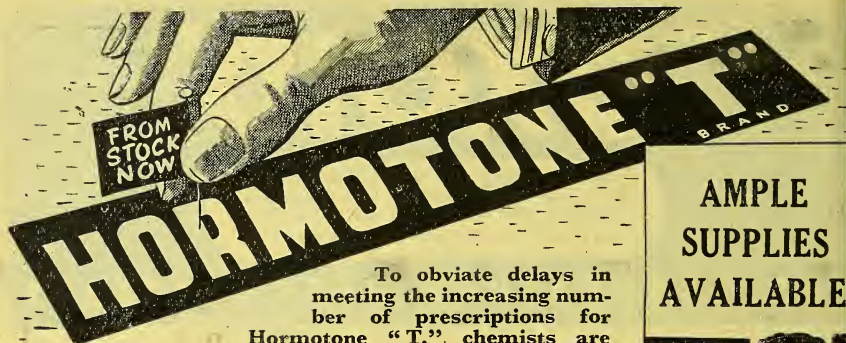
### OXO LIMITED

Thames House, Queen Street Place, London, E.C.4



★ OXO LABORATORY PREPARATIONS ★





**HORMOTONE "T" BRAND**

**AMPLE SUPPLIES AVAILABLE**

To obviate delays in meeting the increasing number of prescriptions for Hormotone "T," chemists are invited to replenish their stocks now.

Also available from stock: HORMOTONE Brand, bottles of 100 & 500 tabs. HORMOTONE Brand without POST-PI-TUITARY, bottles of 100 tabs. TRYPSOGEN Brand, bottles of 100 and 500 tabs. TRYPSOGEN Brand (special-coated) bottles of 100 and 500 tabs. COLOPO Brand, bottles of 40 tabs.

DISTRIBUTORS:

Brooks & Warburton, Ltd., 232 Vauxhall Bridge Road, S.W.1

Orders for "HORMOTONE" "T" Brand or any of the other products listed at side can be accepted for immediate delivery from stock.

Order through your usual wholesaler or direct from sole distributors. "HORMOTONE" "T" Brand in bottles of 40 tablets only. "HORMOTONE" Brand in bottles of 100 and 500 tablets.

**PATA**

**G. W. CARNRICK CO.**

Newark, New Jersey, U.S.A.



**Don't lose  
profitable  
sales**

When you are asked for

**JUNO-  
JUNIPAH**

Health Salts

Remember your wholesaler has  
stocks and can supply you promptly

**T. MARNS, LTD.**

123 Coldharbour Lane, S.E.5

Phone: Brixton 4010

**WHY THE DEMAND  
FOR RHEUMAGIC**

**is RISING!**

The War effort is making additional demands on the Nation's strength. Those prone to Rheumatism, Lumbago, etc., require a reliable liniment to relieve suffering and enable them to carry on their work.

Rheumagic makes no claim to cure Rheumatism. Its purpose is to relieve pain. It does so speedily and in this way makes a contribution to the National effort. Rheumagic is backed by a guarantee of money back if no relief.



**Rheumagic**

Brand  
**FORMULA OILS**

**PATA**

Retail Prices: 1/5 & 3/4 (including tax)

INTERNATIONAL LABORATORIES, Charlbury, Oxfo





**Established 1860**

MANUFACTURERS OF  
**TABLETS**  
 AND  
**PILLS**  
 For the  
**Pharmaceutical  
 Trade**

*Richard Daniel & Son*  
 Derby.

'Phone: Derby 4266-7-8. 'Grams: Dania Derby

**DORSELLA**  
 ... IS THE WORLD'S FINEST  
**MILK FOOD**  
 You can recommend it with every  
 confidence for Infants and invalids.  
 It is a Prideaux product, and shows  
 a good profit  
 Ask for details and Special Terms

**PRIDEAUX'S PURE CASEIN Co. Ltd.**  
 NOTCOMBE: DORSET London Office: 6 Southwark St.

Living Profit Guaranteed 46 Years on the P.A.T.A.  
 Awarded Certificate of Merit at the Tasmanian  
 Exhibition, 1891  
**KEARSLEY'S** (150 Years' Reputation)  
**WIDOW WELCH's Original**  
**FEMALE PILLS**  
 Bonus box given on every dozen (13). It pays to  
 push this size. Order from your Wholesale House.  
 N.B.—These Pills do not contain any deleterious  
 or prohibitive drugs, and can be sold with safety.  
**C. & G. KEARSLEY, LTD.**  
 71 DARTMOUTH RD., FOREST HILL, LONDON, S.E.23  
 Established 1787 In the Reign of King George III



**MORELIX.** (REG.)

The ideal nutritive vitamin Tonic for  
 Children and Adults.  
 4 oz. and 8 oz. Bow Fronted Panels.

**DERMALON OINTMENT**  
**GALE** (REG.)

An efficient general purpose  
 Skin Ointment.  
 Attractive 2 oz. Pots.

**GALE'S**  
**EFFERVESCENT SALINE WITH CAFFEIN**

(REG.)  
 For relief of Biliousness and as a Tonic  
 Restorative.  
 4 oz. and 8 oz. S/C bottles.

**GALE, BAISS & Co., Ltd.**  
 ILBERTON ROAD, S.E.15  
 New Cross 0094.



# "RED CLUB BRAND"

FINE SOLUBLE ESSENCES

FLAVOURINGS

ESSENTIAL OILS

FLORAL COMPOUNDS



NIAGARA WORKS, EAGLE WHARF ROAD, LONDON, N.1

Telephone: CLERKENWELL 5708

## D.D.D. Balm

D.D.D. Balm, a non-greasy ointment, is being introduced as a companion to D.D.D. Prescription and possesses the same active ingredients and healing properties. Order a supply of D.D.D. Balm to meet the new demand from our advertising campaign which is now running.

Trade Price 16s. per dozen. Purchase tax 2s. 8d. per dozen. Inclusive Retail Price 2s. per jar. Showcards available on request.

D.D.D. Co. Ltd., LONDON

## British Insecticide Company of 9 Paddington, Liverpool

beg to inform their customers that :  
*In consequence of representations made to them by British Insecticides Limited of 11-13 Moscow Road, Bayswater, London, W.2., who have been carrying on business under that name since 1927 they have changed their name to—*

**RODMILL CHEMICAL COMPANY**

Help Your Customers Blitz Their


**CORNS**

with  
**HOBSON'S CHOICE**

Hobson, Trimble & Co. Ltd., Union House, LEEDS 2.



2d. 5½d.  
and  
7d. pkts.

ALL **ELMBALM** NOW  
SPECIALITIES   
Write for Bonus Terms to  
Elmbalm Pharmaceutical Specialities Co  
Knott-End-on-Sea, Lancs

# MILLAMALT

*The* VITAMIN  
MALT FOOD

With Guaranteed Complement of Vitamins A, B, C & D  
*Sole Manufacturers.*  
JEFFREYS, MILLER & Co. Ltd. Leyland Mills, WIGAN. London Dept. 19 Brookside Road, N.19

# Proved by LABORATORY AND CLINICAL TESTS!

*Now prescribed by eminent skin specialists!*

## READ WHAT THEY SAY:

"I have prescribed Valderma Antiseptic Balm, made by Dae Health Laboratories Ltd., in cases of pyogenic infection of the skin, e.g., sycosis barbæ, impetigo contagiosa, with very good results."

Signed . . . M.B., B.Ch., F.R.C.P.

"I am so satisfied with your Valderma that I would like you to send me a further supply, as nothing I have tried has proved so beneficial. I have recommended a brother practitioner to try it, as he has had difficulty in finding a suitable remedy for the cases under his care."

Signed . . . M.B.

" . . . Perhaps you would tell your Directors that I have personally tested out your antiseptic cream on approximately 80 individuals suffering from Impetigo and in nearly every case the result has been highly satisfactory.

Idiosyncratic response is rare.

I am sure that you have a non-irritant antiseptic of value."

Signed  
. . . M.D., F.R.C.S.

Valderma is different. It is an oil-in-water emulsion; this means two things: When applied to the affected place its special antiseptic elements get straight at the germs and start their healing work at once. And, most important, being an emulsion and, therefore, having no "sealing" effect, it allows exudates — which might otherwise re-infect the sore place, to pass away freely.

Valderma is superior by far to old-fashioned ointments in its inhibitory powers over common bacteria (B. Coli., B. Megatherium., Strep. faecalis., Staph. albus.)

Valderma is recommended for Impetigo, Sycosis, Acne, many forms of Eczema, Pimples, Boils, and for Cuts, Wounds and other common skin troubles.

Valderma is white, almost invisible on the skin, and stains neither linen nor bedclothes.

Valderma is consistently advertised in the National and Provincial Press, National Periodicals and Women's Magazines.

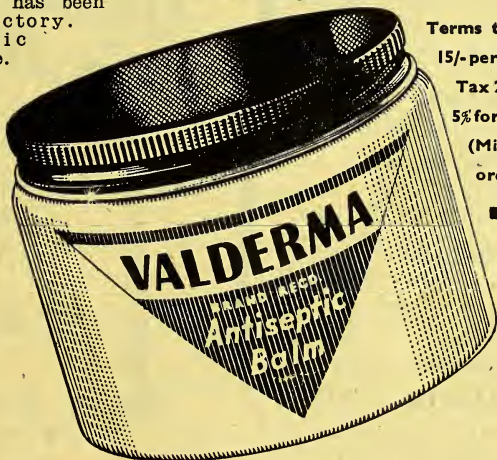
## Terms to Retailers:

15/- per dozen. Purchase

Tax 2/6d. per dozen.

5% for cash with order.

(Minimum direct order — 3 dozen)





# TAMPAX

Regd. Trade Mark

## Sanitary Protection

### WORN INTERNALLY



Never before has so much active work been shouldered by women. Never before have so many of them discovered by experience the practical convenience of sanitary protection worn internally. Never before has there been such opportunity for building up permanent sales of Tampax. For thousands of dealers in this country it has become a first-rank sales line—and will remain so.

#### TRADE TERMS

(P.A.T.A. PRICES)

Packets of 3 Wholesale - 5/3 doz.

Retail 7d. packet

Packets of 10 Wholesale - 15/9 doz.

Retail 1/9 packet

Manufactured in England by  
TAMPAX LTD., Belvue Road, Northolt,  
Middlesex

SOLE DISTRIBUTORS:

### SPLENDOR LTD.

5, Beastmarket Hill, Nottingham, &  
7c, Lower Belgrave St., S.W.1



## THE "MATER"

CLINICAL REGD.  
The position of the Mercury column is at once perfectly plain. Red markings above 99.4.

### ALL TYPES OF CLINICAL AND OTHER THERMOMETERS

### PERKEN, SON & CO. LTD.

(ESTABLISHED 1852)

Quotation on Application:

8 HATTON GARDEN,  
LONDON, E.C.1

Telephone: 0724 Holborn

Telegrams: "Optimus. Smith, London"



# HEWARDS

## Abdominal Belts



ORDER THROUGH  
YOUR  
WHOLESALE

Particulars of the B  
illustrated here or of a  
others from the extens  
and comprehensive ran  
of appliances made  
Hewards will be glac  
forwarded on receipt  
a postcard.

### The R. H. Heward Co.

CROWN ROAD WORKS  
TWICKENHAM

'Phone:  
POPESGROVE 2243 4

'Grams:  
BELTRUSS, TWICKENHAM

M.C.





**Join the**



**FOOT**



**GUARDS**

re Guards only come into action  
when the sirens begin to sound. But  
otguards are needed every hour  
of the day—to keep the war workers  
n their feet' . . . Stock Scholl Foot  
ids. Make your shop an unmis-  
kable Headquarters of ease and  
omfort for every worker  
ho suffers from foot  
ouble. By so doing you  
re helping to guard the

health and increase the happiness  
of those on whom war output  
depends . . . This is real service—  
profitable to yourself—backed by  
Scholl advertising—promoting good-  
will. And there are endless possibilities  
in the future for those who become

Scholl 'Footguards' now!

We strongly recommend  
the products listed here.

Write for price list.

**ZINO PADS**

**TARSO PADS**

**FELT PADS**

for corns, bunions  
and callouses

**2-DROP CORN REMEDY**

**BUNION LOTION**

give prompt and  
lasting relief

Scholl Manufacturing Co. Ltd., 182-204 St. John Street, London, E.C.1

# Varsity Tonic

## HAIR CREAM



When the high quality ingredients used in VARSITY are once more freely available we will share with you the pleasure of meeting the demand for this fine tonic hair dressing

**TWO GRADES—FOR DRY OR GREASY HAIR**

**• FOR IMMACULATE MEN**

**Varsity Perfumery Co. Ltd.** 168 Regent St, London, W.1

Stearic Acid (Triple Pressed), Spermaceti, Ceresine Wax, Japan Wax, Lanoline, Gum Tragacanth, Zinc Oxide, Perfumes, Emulsifiers, Glyceryl Monostearate—all in Stock. Prompt Delivery. All packed in 1 lb. tins. Send stamp for Price List.

### BRICCAS LTD.

4 CAVENDISH PLACE, LONDON, W.1.

## EASY TO MAKE ! TO SELL !

### COSMETICS, PERFUMERY

All materials and formulas available, Miscellaneous Raw Materials, including Emulsifiers, Colours, Waxes, Vegetable Oil (no restrictions), Oils, Stearic Acid, Perfumes, etc.

### MISCELLANEOUS ITEMS

Liquid Shampoo, Powder Puffs, Sanitary Towels, Metal Caps, Utility Lighters, Composition Corks.

### CONTAINERS

Bottles and jars from stock for every purpose. Fancy Boxes, Windowed Face Powder and Sprinkler Talcum Powder Boxes, Smart Push-up Lipstick Tubes.

### PERFUMERY LABELS AND SEALS



Do not fail to request Lists 3d.

Messrs. LENNARD LEE-NARVILL & CO.  
Lee-Narvill Laboratories, Anlaby Road, Hull

## WARDONIA BLADES

FOR  
BETTER  
SHAVES  
AND  
BETTER  
PROFITS




SOLE MAKERS

THOMAS WARD & SONS LTD. Wardonia Works, Sheffield, 1, Eng.

# FRANCO-BRITISH

## ELECTRICAL CO. LTD.

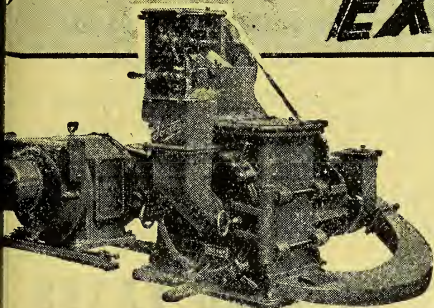
FOR SCIENTIFIC AND MEDICAL GLASSWARE OF SUPERLATIVE QUALITY



FIRTH STREET GLASSWORKS  
LEEDS 9



# CALL IN THE EXPERTS!



The best way to ensure satisfaction in grinding is to call in the experts—Porteus. Not only do they know what exactly is required, but they can and do invariably advise on the best type for the job in hand. Lengthy experience in design and construction is at your service—why not write now?

## GRINDER

No. 1544

PROVENDER MILLING SPECIALISTS

**GEORGE PORTEUS & SONS (Leeds) LTD.**

LEEDS BRIDGE WORKS • LEEDS 10

® G.P.16

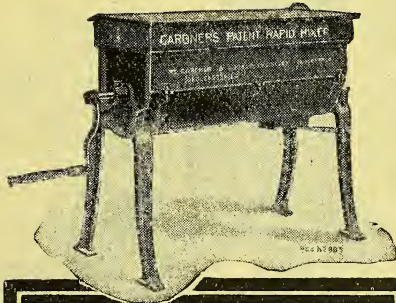
**Q.P.  
HAND  
AND POWER  
EMULSIFIERS**



Q.P. Emulsifiers produce all kinds of stable emulsions, creams, lotions, etc., with great ease and convenience. We have been commended to suspend manufacture of these Emulsifiers for the time being, owing to work of greater national importance

**FORMEROD ENGINEERS LTD.**  
SHAWCLOUGH • ROCHDALE

TELEPHONE: ROCHDALE 4355



*The*  
**BEST of all HAND MIXERS**

Blends an ounce with a hundred-weight in exact proportions. Built to last for years of trouble-free, low-cost hand work.

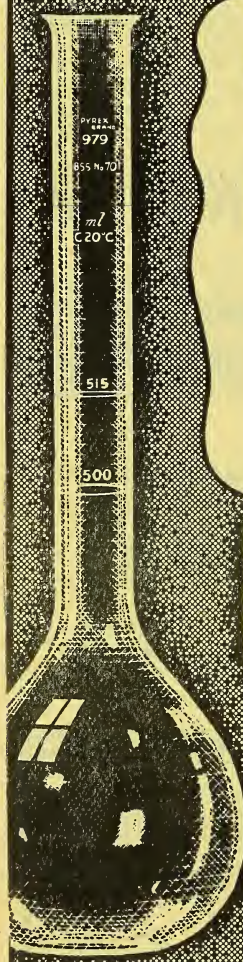
**GARDNER'S**  
*Patent*  
*'Rapid'* **MIXERS**

Wm. GARDNER & SONS (Glos.), LTD., Bristol Rd., GLOS.



# PYREX

## GRADUATED GLASSWARE

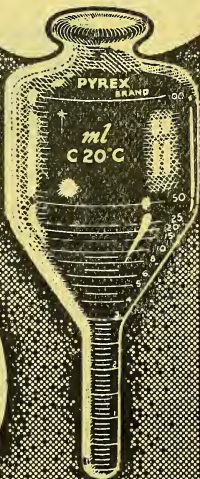


By specifying "PYREX Brand" when ordering Graduated Glassware you are assured of obtaining strong serviceable glassware, with division lines and numerals etched clearly and precisely for easy reading.

For everyday laboratory work PYREX Brand Glassware is graduated to N. P. L. class B standard, but for more meticulous analysis or intricate research work, N.P.L. class A can be supplied at the appropriate extra costs.

PYREX Brand Graduated Glassware is supplied only through Laboratory Furnishers, but illustrated catalogue and two free copies of our Chemist's Notebook will be sent direct on application to us.

Ask for PYREX Brand and see that you get it!



**JAMES A. JOBLING & CO. LTD.**  
**WEAR GLASS WORKS SUNDERLAND**

## AGENTS WANTED

★

**No outlay . . . no risk  
no restrictions**

A few more Agents are required to handle SYM Reliable Seeds. If you are interested in increasing your profits, write for full details and state the nature of your business to —

## SAMUEL YATES

SHUDEHILL • MANCHESTER 4

**SYM** *Reliable Seeds*

*English  
Filter*

# POSTLIP

*Papers*

SQUARES  
CIRCLES  
FOLDED  
ROLLS

WHITE  
GREY  
PLAIN  
ANTIQUE  
EMBOSSED  
CRINKLED

SAMPLES  
FREE



*Postlip Filterings are stocked by all the leading Wholesale Laboratory Dealers*

*Evans, Adlard & Co. Ltd*

*Postlip Mills, Winchcombe, Cheltenham*





# GLASS

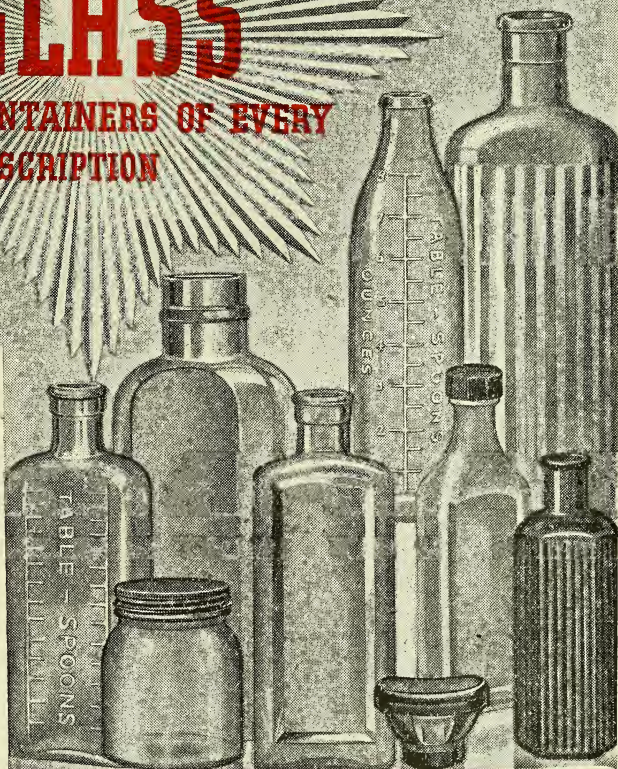
CONTAINERS OF EVERY  
DESCRIPTION

We manufacture—

DISPENSING,  
EMULSION,  
EMBROICATION,  
MILK,  
FEEDING,  
PERFUME,  
POISON,  
SAUCE,  
SWEET,  
JAM JARS,  
ETC., ETC.

**WHOLESALE &  
EXPORT ONLY**

Restricted output limits  
the number of moulds we  
are able to use, so that  
it does not necessarily  
follow that all the de-  
signs now illustrated are  
available to buyers.



## LAX & SHAW LTD

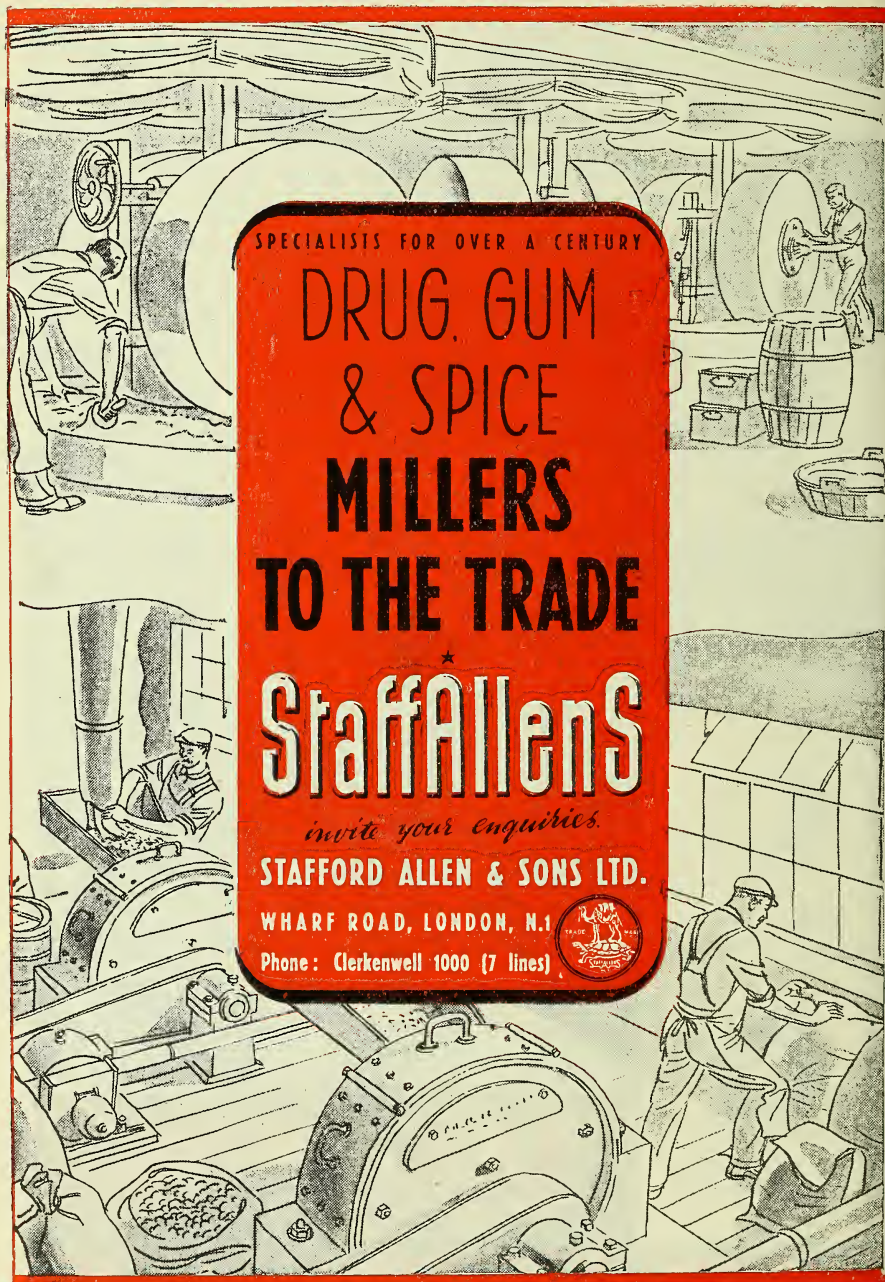
REG. OFFICE, ALBERT GLASS WORKS,  
HUNSLET, LEEDS. 10.

PHONE 21568 (2 LINES)

GRAMS. FEEDERS, PHONE LEEDS.

LONDON OFFICE: ST. MARTIN'S HOUSE, 39 LUDGATE HILL, E.C.4. Telephone, CITY-7170.





The background illustration depicts a large industrial mill. In the upper left, a worker is adjusting a large horizontal grinding stone. In the upper right, another worker is near a similar stone, with a wooden barrel and crates nearby. In the lower left, a worker is operating a machine with a hopper. In the lower right, a worker is handling a large sack. The floor is covered with various mechanical components and bags of material.

SPECIALISTS FOR OVER A CENTURY

DRUG, GUM  
& SPICE  
**MILLERS**  
TO THE TRADE


**StaffAllens**

*invite your enquiries.*

**STAFFORD ALLEN & SONS LTD.**

WHARF ROAD, LONDON, N.1

Phone: Clerkenwell 1000 (7 lines)



# MANESTY

## TABLET MAKING MACHINERY



**MANESTY  
F  
TABLET  
MACHINE**

OUTPUT  
90 PER MIN.

FOR TABLETS UP TO  $\frac{3}{4}$ " DIAM.



**MANESTY  
No 1  
TABLET  
MACHINE**

OUTPUT  
90 PER MIN.

FOR TABLETS  
UP TO  $\frac{1}{2}$ " DIAM.



**MANESTY  
E  
TABLET  
MACHINE**

OUTPUT  
90-100  
PER MIN.

FOR TABLETS UP TO  $\frac{1}{2}$ " DIAM.



**MANESTY  
HAND  
COMPACT  
PRESS**

OUTPUT  
2000  
COMPACTS  
PER DAY

**MANESTY  
COPPER  
COATING  
PAN**

STANDARD  
SIZE  
30" DIAM.



**MANESTY  
B.B.3  
ROTARY  
TABLET  
MACHINE**

OUTPUT  
1000-1500  
PER MIN.

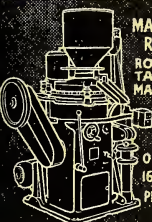
FOR TABLETS UP TO  $\frac{1}{2}$ " DIAM.



**MANESTY  
No 2  
TABLET  
MACHINE**

OUTPUT  
55-220  
PER MIN.

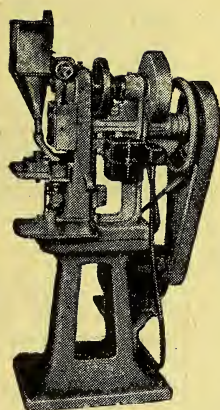
FOR TABLETS UP TO  $1\frac{1}{2}$ " DIAM.



**MANESTY  
R.S.1  
ROTARY  
TABLET  
MACHINE**

OUTPUT  
168-336  
PER MIN.

FOR TABLETS UP TO  $1\frac{3}{8}$ " DIAM.



**MANESTY**

"F"

**TABLET MACHINE**

Made in two models,  
one pulley driven,  
and the other geared  
for individual motor  
drive

**Diameter of Tab-  
lets:** Up to  $\frac{3}{4}$  inch.

**Output:** 90 tablets  
per minute.

**Weight of Tab-  
lets:** Up to 80  
grains.

The Manesty "F"  
machine makes tablets of substantial size  
and weight, and of various shapes.

*Full Particulars on request*

**MANESTY  
B3  
ROTARY  
TABLET  
MACHINE**

OUTPUT  
400-500  
PER MIN.

FOR TABLETS UP TO  $\frac{1}{2}$ " DIAM.

**MANESTY  
D3  
ROTARY  
TABLET  
MACHINE**

OUTPUT  
300-350  
PER MIN.

FOR TABLETS UP TO 1" DIAM.

**MANESTY  
No 3  
TABLET  
MACHINE**

OUTPUT  
30-400  
PER MIN.

FOR TABLETS UP TO  $2\frac{1}{4}$ " DIAM.



**MANESTY  
OSCILLATING  
GRANULATOR**

OUTPUT  
150-224  
LBS.  
PER HOUR

**MANESTY  
MIXER**

CAPACITY  
100 LBS.  
OF POWDER



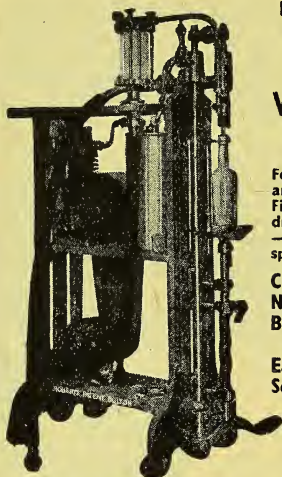
## MANESTY MACHINES LIMITED

5 SPEKE HALL ROAD, LIVERPOOL, 19.

TELEPHONE: HUNTS CROSS 1321.

TELEGRAMS: MANESTY, LIVERPOOL





**ROBERTS' PATENT  
"LEO"  
VACUUM FILLER**

For Glass, Stone,  
and Tin Bottles.  
Fills all sizes from  
drachm to quart  
—long, short or  
sprinkler neck.

**Clean & Rapid  
No Over Filling  
Broken Bottles  
Rejected  
Easy to Clean  
Self Rinsing**

Write for  
Particulars

**Roberts' Patent Filling Machine Co. Ltd.  
BOLTON, LANCASHIRE**

Makers of every description of Bottle Filling and Shallow Jar  
'and Tin Filling Machine for the Chemists' use  
**ALL RIGHTS RESERVED**

*Wanted everywhere*

**SUPER  
SlipcleanSol**

**HAND CLEANER**

**HYGIENIC & ANTISEPTIC  
ANTI-DERMATITIS**

Removes all grease, tar, fresh  
paint, etc., leaving the skin  
soft and smooth.

Attractively packed in  
4-oz. tins and 12-oz. bottles,  
retailed at 1/2½ and 2/6  
respectively.



*Manufactured by*

**SLIP PRODUCTS CO LTD  
LING HOUSE, DOMINION STREET,  
LONDON E.C.2**

**LABELS  
OF  
DISTINCTION**

**FOR WHOLESALE MANUFACTURING  
& RETAIL CHEMISTS**

Medical and Dispensing Labels,  
Toilet, Cosmetic and Perfume,  
largest range of stock 'labels'  
(attractive two-colour 50-60 word-  
ings), Shampoo Powder Envelopes  
and Inners, also Saccharine Tablet  
Envelopes (new wording), with  
name and address.

*NEW REGULATIONS—Send  
6d. for complete sample range.*

**CARILLON  
PRESS LTD**

*Artists in the Production of Fine Labels*  
**BOURNEMOUTH**

**PREVENTIVES**

**PURE  
CHEMICAL PRODUCTS**

**145 GOSPORT ROAD  
WALTHAMSTOW, E.17**

**KEYSTONE 4818**

**"Manufacturers of Fine Latex  
Surgical Rubberware"**

**We are still giving TRADE requirements  
every attention and courtesy**



POTTER'S

# CATARRH PASTILLES



*A safe and reliable  
remedy known the  
whole world over . . .  
backed by Press  
Advertising on a  
big scale . . . .*

*In new war-  
time display  
outers. Packed  
in half dozens.*

P . A . T . A

Retail 1/1½ Per Box. Wholesale 8/- Per Doz. Plus Tax 1/4

## POTTER and CLARKE LTD

Phone-Bishopsgate 4761-7 60-64 ARTILLERY LANE, LONDON, E.1

Grams-Harehound, Phone, London

Phone-Blackfriars 8734 77 DANTZIC ST., MANCHESTER, 4

Grams-Harehound, Manchester



# WAR-TIME MARKET NEWS

summarising war-time opportunities, special notices, new packaging and new products

## spic

*for underarm hygiene*

EFFECTIVELY RESTRICTS  
PERSPIRATION

You can sell "Spic" with confidence—it being made  
to specified B. of T. Formula

(From all Wholesalers)

12/- and 20/- per doz. (Plus Tax)  
1/10 and 3/1 Inc. Tax

**R. DEMUTH LTD. LONDON.**

• • • —  
**Victory-V**  
FOR LONG JOURNEYS

**Famous in Name**  
and  
**Quality**

**FRYER & CO. (NELSON) LTD.**  
**VICTORY V FACTORY**  
**NELSON, LANCS.**

## HALMAGON

**KEEP YOUR  
STOCKS UP**

BOTH SIZES

**3/11½ and 11/10**

(Inclusive of Tax)

**Wholesalers have Your Needs**

**TONICITY LABORATORIES LTD.**  
16 CEDARS ROAD, LONDON, S.W.4

## TYNE TRUCK & TROLLEY

CO. LTD.

*Hand Trucks  
of every  
Description*



66-68  
NORTHUMBERLAND ST.  
NEWCASTLE  
UPON TYNE.

## THE INFLUENCE of...

... years of conscientious service to the Trade is evidenced in Burge, Warren & Ridgley's efforts to maintain a first-class service, under difficult war-time conditions, in the supplying of Druggists' Sundries, Surgical Appliances and Contraceptives.

**BURGE, WARREN & RIDGLEY, Ltd.,**  
45 CITY ROAD, LONDON, E.C.1  
Telephone: CLerkenwell 1710  
Telegrams: "Drugsund" Finsquare, London

A REPUTATION FOR RELIABILITY

## "Sentinel"

**SANI-TOWELS**

Available in all popular sizes:

'SENTINEL' Nos. 1, 2, 3 and 'Maternity'  
(all wool with loop ends)  
also 'SENTINEL' Soluble

Distributed by  
**SPLENDOR LTD.,** 5 Beasmarket Hill, NOTTINGHAM  
and 7c, Lower Belgrave Street, LONDON, S.W.1

# A COLOUR CODE FOR INSULIN

Collaboration between the British Insulin manufacturers, which throughout the period of the war has consistently operated to the advantage of the diabetic community, has resulted in an important decision which will be welcomed by all concerned with the prescription, distribution and use of insulin preparations.

Believing that considerations of safety and convenience outweigh the commercial advantages attaching to the individual styles of packaging long associated with their respective brands, the manufacturers have agreed upon a uniform treatment of cartons and labels by which each type and strength of insulin, of whatever make, will be immediately distinguishable by colour. In addition, the adoption of clear bold type will still further reduce the possibility of confusion between strengths. An explanatory card, suitable for display, printed in colours, is obtainable from any of the manufacturers on request.

Insulin packaged according to this new colour code will be available as soon as practicable after 1st January, 1944. The manufacturers regret they are unable to exchange, relabel or credit existing packings; pharmacists and wholesalers are recommended to keep their stocks as low as possible until the new packings are available.

ALLEN & HANBURY LTD.  
BOOTS PURE DRUG CO. LTD.  
THE BRITISH DRUG HOUSES LTD.  
BURROUGHS WELLCOME & CO.



# KERFOOTS BACTERIOLOGICAL SUGARS

Prepared under ideal conditions which ensure the utmost possible degree of chemical purity.



ARABINOSE • DULCITOL  
INULIN • GALACTOSE  
LACTOSE • MALTOSE  
DEXTRINE (Precip. Starch Free)  
DEXTROSE (Cryst. Anhydrous)  
MANNITOL • RAFFINOSE  
SACCHAROSE • SORBITOL

Thomas Kerfoot & Co. Ltd., Vale of Bardsley, Lancashire

K12a

## ACTRON

BRAND CACHETS  
ANALGESIC and ANTIPYRETIC

### Formula:

Phenazone acetyl		
salicylate	..	0.096 grams
Caffeine	..	0.054 "
Phenazone	..	0.150 "
Phenacetin	..	0.250 "
Magnesium oxide	..	0.100 "

### Indications

Influenza and feverish colds.  
Neuralgia, Rheumatism and Head-aches.  
Dysmenorrhoea.  
Pain following teeth extraction.

Available in boxes of 4 and 12 cachets.

## FERRAEMIA

BRAND TABLETS  
FOR ANAEMIA

### Formula:

Ferrous sulphate exsicc.	..	2 $\frac{3}{4}$ grains
Dried yeast	..	2 "
Copper sulphate	..	$\frac{1}{100}$ "
Manganese hypophos.	..	$\frac{1}{10}$ "
Excipient and coating	to	8 $\frac{1}{2}$ "

### Indications:

As a tonic during convalescence and debilitated conditions.  
Anaemia of Pregnancy.  
Nutritional anaemia.  
Idiopathic hypochromic anaemia.

Available in bottles of 60 and 1000 tablets

**WILCOX, JOZEAU & CO. LTD.**

74-77 White Lion Street, London, N.1, and at 19 Temple Bar, Dublin



The

# CHEMIST AND DRUGGIST

For RETAILER — WHOLESALE — MANUFACTURER

Published Weekly at

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London"

Telephone: Central 6565 (10 lines)

Emergency Address:

17 ARGYLE STREET, BATH

Telephone: Bath 5492

## CONTENTS

	Page		Page
Business Changes .. ..	590	Marriages .. ..	591
"C. & D." Dispensing Price List ..	595	National Pharmaceutical Union ..	603
Cases Before Statutory Committee ..	594	News of the Week .. ..	583
Chemists' Friends Association ..	604	Organisation of Employed Pharmacists ..	586
Coming Events .. ..	589	Parliamentary News .. ..	586
Company News .. ..	588	Personalities .. ..	591
Control of Medical Supplies .. ..	599	Pharmaceutical Society of Great Britain:—	
Deaths .. ..	591	Council Meeting .. ..	592
Editorial Articles:—		Topical Reflections .. ..	587
J.I.C. for Pharmacy .. ..	597	Trade Marks .. ..	589
A War-time Essential .. ..	597	Trade Notes .. ..	590
Nurses' Salaries .. ..	598	Trade Report .. ..	605
Legal Reports .. ..	588		
Letters .. ..	608		

## NEWS OF THE WEEK

**Retail Pharmacy National Joint Industrial Council.**—The Ministry of Labour announces the formation and constitution of a Retail Pharmacy National Joint Industrial Council. Details are given on p. 597 of this issue.

**Organisation of Employed Pharmacists.**—An important statement on the organisation of employed pharmacists has been issued by the Pharmaceutical Society of Great Britain and is published on p. 586 of this issue.

**Licences Revoked.**—The Minister of Food has revoked, as from December 1, 1943, the licences granted under the Food (Restriction on Dealings) Order, 1941, the Oil-seeds, Vegetable Oils and Fats and Marine Oils (Control) Order, 1939, and the Animal Oils and Fats (Provisional Control) Order, 1939, to Shaws' Veterinary Products, Ltd.

**Permits for Alarm Clocks.**—The Board of Trade, after consultation with the Trades Union Congress and British Employers' Confederation, has decided to grant buying permits for alarm clocks, so

far as supplies allow, to workpeople whose employment makes it necessary for them to rise between midnight and 5 a.m., who do not already possess an alarm clock, and who have no other means of being called early. Applications by eligible workers should be made to the nearest branch secretary of the appropriate trade union.

**New "Pay-as-you-earn" Regulations.**—In preparation for the introduction of "pay-as-you-earn" income tax in April 1944, new regulations have been made by the Commissioners of Inland Revenue. Employers are now required to send to the inspector of taxes particulars of all employees leaving or taken on, if they earn more than £2 per week. The information must be given within ten days of the event, and a supply of forms for the purpose is being sent to employers. Anyone who employs a person earning more than £2 per week and has not already made the usual employer's return of salaries and wages and sent it to the inspector of taxes must notify the inspector by December 16 whether or not tax is being deducted. The



same regulations also provide for the continuance of existing tax deductions until next April. Full particulars may be found in S. R. & O., 1943, No. 1669, published by H.M. Stationery Office, Kingsway, London, W.C.2, price one penny.

**Patulin Toxicity.**—The dose of patulin which, when injected subcutaneously or intravenously into a 20-gm. mouse, is lethal, is 0.5 mgm., and not as stated in a recent article.

**Dentists Restored.**—The General Medical Council has instructed the registrar of the Dental Board to restore the names of John Donaldson and Edwin Spencer Tebbutt.

**Manchester Stalingrad Donation.**—A fund, organised by Mr. W. E. Phillipson, M.P.S., on behalf of the medical branch, North-west Region, Scientific Workers' Association, has now been closed by the handing over of a sum of £8 towards the cost of a hospital laboratory at Stalingrad.

**Address on Commodity Controls.**—Mr. H. Noble, B.Pharm., addressed members of the Edware section of the North London Pharmaceutical Association, recently, on "War-time Commodity Controls." He declared that the authorities placed great confidence in the integrity of pharmacists in applying these orders.

**In the Courts.**—At Portsmouth City police court on December 3, Convoy Products, Ltd. (now in voluntary liquidation), were fined £10 and two guineas costs for an offence under the Food and Drugs Act, 1938. A sample of gelatin supplied by them was found by the City analyst to contain zinc, arsenic and copper compounds, whereas it was labelled "pure, edible gelatin."

**Hull Red Cross Ball.**—A dance in aid of the British Red Cross and St. John War Fund has been arranged by Mr. J. Lennard to take place at the Beverley Road Baths on Wednesday, December 22. Dancing will be from 7.30 p.m. to midnight. There will be two bands (one composed of American coloured "swingsters"), a cabaret, tombola, etc. Tickets, 7s. 6d.; N.C.O.'s and privates in uniform, 5s.

**Christmas and New Year Holidays.**—The Ministry of Labour and National Service calls attention to its recommendation on holidays included in a Government statement issued last February. It was then, and remains, the view of the Government

that, subject to the urgent demands of production being met, two days' holidays should be taken; i.e. either Christmas Day, December 25, and Monday, December 27, or New Year's Day, January 1, 1944 and Monday, January 3, 1944.

**Rheumatism Treatment for Children.**—At the request of the Ministry of Health and following favourable reports of experiments carried out in the United States 200 schoolchildren in London are to be given a three-year course of treatment to discover the effects of a new drug of the sulphonamide group on children prone to rheumatism. The treatment will begin early in 1944, and the children chosen will be not those actually suffering from rheumatism, but those who have had it.

**Royal Institute of Chemistry.**—At Manchester, recently, Professor Alexander Findlay (president of the Institute) gave an address on "The Institute and the Post-war World." Professor Findlay said that chemists were to give their services to the community, their economic position and legal interests ought to be safeguarded.—At Edinburgh, recently, Dr. Hugh Nisbet (chemistry department), Heriot-Watt College, Edinburgh spoke on "The Rationalisation of Technical Training." He urged that recruits for work as chemical assistants in industry should have preliminary education up to University entrance standard.

**Supplies Limitation Returns.**—The Board of Trade has issued an Order dated December 6, 1943 (S.R. & O., 1943, No. 1637) requiring every person whose name was at July 31, 1943, entered in the home trade register, to make a return on Form Misc. 17 showing, *inter alia*, the value of controlled goods supplied by him during the standard period (June 1, 1939, to May 31, 1940) and during the restriction period (February 1 to July 31, 1943). A copy of the appropriate form is being sent to each person concerned but any trader who has not received his copy by December 15 should apply for one to the Chief Accountant, Board of Trade (Miscellaneous Section), North Gate, Prince Albert Road, London, N.W.8. Application should not be made before that date.

**Dublin Chemists' Rugby Football.**—The Chemists' Rugby Club in Dublin is one of the most active and flourishing clubs in the city. During November it beat Blackrock College by 29 points to nil, and drew with North Kildare at 6 points each. Fixtures for December: 5, *v.* Mungret College Park at Donnybrook; 12, *v.* Bray L.D.F. at

onnybrook; 19, v. Skerries at Skerries. Recently the club held a dance which was attended by over 600 patrons, including Messrs. F. X. Meagher (president of the club); D. O'Leary (captain), P. C. Cahill, C. O'Neill, D. Mulvey (vice-captain), and Mr. J. J. Tierney (treasurer). The club is still in need of new members, and any persons wishing to join, whether in the retail or wholesale sections of pharmacy, should communicate with Mr. D. O'Leary, 10 Roche's Pharmacy, Upper O'Connell Street, Dublin, or Mr. J. J. Tierney, 69 Upper Dorset Street, Dublin.

**Chemotherapy Research in Liverpool.**—The forty-fourth annual report of the Liverpool School of Tropical Medicine records progress in work on chemotherapy, achieved with the co-operation of the Medical Research Council, Imperial Chemical Industries, Ltd., and May & Baker, Ltd. Professor Yorke and Dr. Fulton examined the activity of a number of new drugs against various protozoal infections, and extended their observations on plasmoquine-resistance in malaria infections of monkeys. The increased toxicity

of stilbamidine and related compounds on exposure to light, as well as the alterations in therapeutic activity, was also investigated. Dr. Lourie and Dr. Collier were investigating the fate, in the blood and cerebrospinal fluid respectively, of intravenously injected drugs effective, or likely to be effective, against sleeping sickness. They studied the possibility that increased use of mepacrine for malaria might complicate the epidemiology of sleeping sickness in Africa by giving rise to strains of trypanosome resistant to arsenicals, concluding that the danger might be dismissed as negligible. Studies were proceeding on the action of drugs against the parasite of kala-azar, and it had been found that the diamidines, introduced to the treatment of kala-azar as a result of work at the School, were more lethal to the parasites *in vitro* than the antimonials.

**Toilet Preparations.**—The following will be the rates at which registered manufacturers who receive Board of Trade licences to manufacture and supply toilet preparations will normally be permitted to supply controlled goods for the period January 1 to June 30, 1944—

1. Registered manufacturers participating in approved concentration schemes will be permitted under licence to supply 37½ per cent. by value of their supplies of controlled goods of their own manufacture in the standard period, i.e., June 1, 1939, to May 31, 1940.
2. Registered manufacturers not in approved concentration schemes will be permitted to supply 16⅔ per cent. of their supplies of controlled goods of their own manufacture in the standard period.

The above rates of licensing will apply to all controlled toilet preparations including powder. There will be no separate powder licences. But no registered manufacturer will, as the result of the changed rates of licensing, receive a licence proportionately smaller than that which was received during the current restriction period. Manufacturers are reminded—

1. That no supply may be made other than in those goods which are named in the licence.
2. That such supply may be only in the weights or volumes named in respect of these goods.
3. That the prices named for these goods are the minimum prices which shall count against the licence.
4. That manufacture may take place only at the addresses named in the licences.

Manufacturers will not be required to apply for fresh licences; these will be issued covering the lines which manufacturers are now licensed to supply.



Wing-Commander Hack (Edward Hack, Ltd., London) presenting the Hack trophy to cadets of the Cambridge University Air Squadron, winners of the initial training wing examinations for members of University air squadrons.



## PARLIAMENTARY NEWS

**Cost of Raw Materials.**—Mr. A. Edwards asked the Minister of Health on December 2 whether he was aware that materials used for treatment of special diseases prescribed by doctors under the National Health Insurance Act were exorbitantly priced and, in one case, rose from £1 10s. to £30 a ton; and whether he would take steps to have such materials prepared under Government control at the minimum cost. Miss Horsbrugh in reply said that if the question related particularly to pancreas glands used in making insulin, she was informed that the price of these glands was now slightly less than in 1922, though considerably higher than at the outbreak of war. The price of the raw material had only a slight effect on the price of insulin itself, which had fallen very much since insulin was introduced in 1923, and was not now much higher than before the war.

**Restarting Closed Businesses.**—Major Proctor asked the President of the Board of Trade on November 30 whether he was aware that a shopkeeper closing his business after October 23, 1941, does not require a licence to restart on the same lines as previously, nor does a trader who closed down between December 1, 1940, and the said date in October, whereas a trader who closed down between September 3, 1939, and December 1, 1940, must apply for a licence to resume; and whether, when the last-named closures were due to war circumstances, he would place them on the same footing as the other two. Mr. Dalton, in reply, said the basic period December 1, 1940, to October 23, 1941, was fixed after very careful consideration. He had received no request from any representative body of traders for the change proposed by his hon. and gallant friend, and he should not feel justified in the circumstances in making it.

**Patulin.**—Colonel Evans asked the Minister of Health on December 2 whether he had any information to convey to the House concerning patulin; and whether the drug was being tested on a large scale. Miss Horsbrugh, in reply, referred to Press articles on patulin, and said the Medical Research Council had accepted an invitation to undertake the organisation of controlled clinical trials on a considerable scale; arrangements were in hand for instituting these immediately. For the time being the use of patulin in the treatment of the common cold must be regarded as still in the experimental stage. The preliminary trials

had not given consistent results, although some had been promising, and it was uncertain what value the drug would eventually prove to have. It would necessarily take some months to collect adequate information on this point, and as to the best methods of administration, proper dosage, and conditions under which the drug could be used with safety. It would be inadvisable to make patulin generally available until there was sufficient evidence on these questions.

### ORGANISATION OF EMPLOYED PHARMACISTS

THE following statement has been issued for publication by the Pharmaceutical Society of Great Britain:—

Some time ago, the Council of the Society called a conference of individuals and representatives of bodies concerned with or interested in the question of the organisation of employed pharmacists. The object of this was to see whether the Society could be of assistance in facilitating the better organisation of employed pharmacists. A number of meetings were held, at which the situation was thoroughly examined, and the Council in due course submitted their conclusions to the conference. In formulating these conclusions the Council took into account such factors as the existence of trade unions accepting pharmacists as members, the reasons why pharmacists have not joined existing trade unions in greater numbers, and the prospects of establishing a trade union for pharmacists in the light of past experience and the present situation. Subsequently consultations have taken place between the Association of Scientific Workers, the Shop Assistants' Union, and the National Union of Distributive and Allied Workers, as a result of which an agreement has been reached between the three bodies whereby they will co-operate, and the Association of Scientific Workers will be in a position to recruit pharmacists employed in the retail practice of pharmacy as well as those engaged in other sections of pharmacy, subject to recognition of the interests of the other unions. It is felt that this agreement provides more favourable conditions for the development of trade union organisation among pharmacists than have hitherto existed, and it is hoped that advantage will be taken of the opportunities these conditions present.

## TOPICAL REFLECTIONS

### Democracy Functioning

Mrs. Irvine's thoughtful address at Aberdeen (p. 568) raises more than one important question. The paragraph headed "Conditions for Democratic Working" is of special interest for its diagnosis of the relation between members of the Pharmaceutical Society and their Council. As Mrs. Irvine justly pointed out, an institution "may be democratically constituted without any guarantee that it will function democratically." The responsibility of each member of the Society for some share in determining its policy is not lessened by the tendency, of which we have had indications, to increase the proportion of nominated members in the Council. New councillors of this class might well be less familiar with the needs of pharmacy than their elected colleagues were, and less disposed, accordingly, to give due weight to resolutions sent from conferences or branch meetings. In that event the time-lag referred to by the speaker might become so accentuated as to prejudice the taking of effective action when action was called for. This possibility gives emphasis to the duty of voting at Council elections. British pharmacy has of late years had the anomalous feature that whereas a considerable number of resolutions—in no way binding on the Council—is submitted at the annual branch representatives' meetings of the Society, councillors have been elected by derisively small numbers of voters. This is an old complaint, and the remedy is obvious.

### Shops and Premises

The High Court decision, reported on p. 573, is, if I may venture so to describe it, good law and good sense. The Court was asked to say that a market stall consisting of a board and two trestles is a shop or premises: its decision was in the negative. As will be seen in your report, the definition of "shop" in the Pharmacy and Medicines Act, 1941, is taken from the Shops Act, 1912. What is comprised in the words "any premises"? A mathematician deeply versed in Professor Einstein's second theory of relativity might be able to conceive of a stall, a Punch-and-Judy show, and various other "transient and embarrassed phantoms" as falling within the scope of one algebraic formula; but a legal definition is another matter. The learned judge who delivered the decision of the Court characterised the

stall in the case as having "no continuity or regularity except that it is there twice a week." Even that limited degree of continuity or regularity is, I presume, subject to the state of health or the pleasure of the proprietor: on any market day it might be found that he had folded his tent "like the Arabs, and as silently [stolen] away." It is worth recalling that in the administration of the Medicines Stamp Acts the Board of Customs and Excise refused to recognise movable stalls as premises, and that in 1912 and 1913 fines were imposed in respect of sales of dutiable medicines in market places.

### Chelsea Pensioner

In an address on proprietary medicines at a recent meeting at Stoke-on-Trent (p. 558), it was suggested that Chelsea Pensioner was "probably the first of its kind." The history of this confection was explored by Mr. A. C. Wootton in his "Chronicles of Pharmacy"; he left the possibility of its ever having been a proprietary article an open question. The origin of the name and that of the formula have never been ascertained, so far as I am aware. The Chelsea Royal Hospital for old and disabled soldiers was founded by Charles II in 1682, and was opened in 1694. At one time a legend was in circulation to the effect that a Chelsea pensioner gave the accepted recipe, or one resembling it, to Lord Amherst, and that he was rewarded with a sum of money and an annuity. This and other stories were investigated, with results mainly negative, by THE CHEMIST AND DRUGGIST in 1896. Medical authorities and the secretary of the Hospital were appealed to, but could add little to what was already known about the usual type of formula (now appearing in the British Pharmaceutical Codex as *confectio guaiaci composita*). Some London hospitals have adopted or evolved formulas containing additional or alternative ingredients—for instance, mustard. In 1863 a former medical officer of the Hospital, Dr. Daniel MacLachlan, mentioned the remedy (in "Diseases and Infirmities of Old Age") in the same sentence as the Duke of Portland's gout powder, which dates back to the eighteenth century: both were regarded by him as obsolete. Wootton concluded that the confection became widely known between 1811 and 1824, and suggested that it might be of Dutch origin.

**Xrayser**



## LEGAL REPORTS

**Addiction Decision Postponed.**—Bath magistrates, at the resumed hearing, recently, of charges against the matron of a local nursing home of unlawfully procuring morphine (see *C. & D.*, November 6, p. 456), adjourned their decision for three months, provided in the meantime she observed eight specified conditions. These included continuance under medical attention, refusal to accept patients requiring dangerous drugs, and notifying medical practitioners within a radius of ten miles.

**Pharmacy Act Prosecutions.**—At Manchester City Police Court, on November 29, Edward Tomlinson, grocer, Hyde Road, Ardwick, Manchester, was fined £8, plus analyst's and advocate's fees, for selling a poisonous substance (codeine) contained in Famel syrup, not being a registered seller of poisons and not having his name and address on the label on the bottle. The stipendiary magistrate said it might be true that Tomlinson did not realise at first that the preparation contained a poisonous drug, but he had not disposed of the goods to a chemist as advised.—At Worthing Police Court, on November 24, Desmond L. Day, 63 Chapel Road, was fined £5 on each of two summonses of selling a poison in a container not labelled in the prescribed manner, and of being an unauthorised person selling poison.

**Alleged Black Market Activities.**—At Bolton Police Court, on November 26, a sentence of four months' imprisonment was imposed on Charles Edward Robinson, a chemist's assistant, Sefton Street, Southport, for supplying nail-varnish which did not bear the name of the manufacturer or repacker. Police-constable Oswald Cunliffe was fined £10 and costs for aiding and abetting. Both defendants pleaded not guilty and an appeal has been lodged by Robinson. The Bench expressed the opinion that Robinson had "dabbled in black market activities." It was alleged that Robinson offered for sale, to a man who communicated with the police, ten barrels of "sub-turpentine," one ton of petroleum jelly, and twenty gross bottles of nail-varnish, brilliantine, lavender, etc. An order for goods to the value of £3,000 was placed on instructions from the police, the value of the nail-varnish being £216. For Robinson it was claimed that it had not been proved that the varnish was supplied in the course of his business. Robinson himself, the son of a chemical manufacturer, said he had never sold nail-varnish to anyone.

## COMPANY NEWS

**LINCOMB HALL (HARTLEBURY), LTD.**—(P.C.).—Capital £100. Farmers, veterinary chemists, etc. Thomas H. and Hilda Murray-Watson, directors. Solicitors: Hooper & Fairbairn, 1 Priory Street, Dudley, Worcs.

**CARBONEL PROCESSES, LTD.**—(P.C.).—Registered in Edinburgh. Capital £3,000. Consultants and advisers in respect of chemical and engineering processes, etc. Directors not named. R.O.: 121 Bath Street, Glasgow.

**H. WHISTLER, LTD.** (P.C.).—Capital £2,000. To acquire the business of a chemist carried on by Harold Whistler at 15 Carter Gate, Newark-on-Trent, Nottingham. Harold Whistler, M.P.S., and Frances A. M. Whistler, directors.

**PARKE'S PHARMACY, LTD.** (P.C.).—Registered in Belfast. Capital £1,000. Chemists, druggists, etc. Mrs. A., Miss A. P., Miss M. P. Parke, John J. Cowdy, and Bertie B. Morrison, directors. R.O.: 9 Bridge Street, Banbridge.

**ANGLO-CONTINENTAL TRADE & INDUSTRY DEVELOPMENT CO., LTD.** (P.C.).—Capital £100. Manufacturers of chemical preparations, etc. Directors to be appointed. R.O.: 43 Sloane Street, London, S.W.1.

**TUFF INDUSTRIES (CHEMICALS), LTD.** (P.C.).—Capital £100. Manufacturers of and dealers in chemicals, drugs, disinfectants, toilet requisites, etc. William C. L. Teale and Francis H. Uff, directors. R.O.: 377 Nether Street, London, N.3.

**ADAMSON-HORSEHAY ASSOCIATION, LTD.**—(P.C.).—Capital £1,000. Manufacturers of chemical plant, etc. G. R. and Joseph Adamson, J. C. Bignall, H. E. Colesworthy, A. V. Flinn, J. W. Hodgson, T. L. Massey, and J., H. and A. H. Simpson, directors. Solicitors: Pinsent & Co., Birmingham.

**FACULTY OF HOMŒOPATHY.**—Company limited by guarantee without share capital. To advance and extend the principles and practice of homœopathy, and to take over all or part of the real and personal property and liabilities of the unincorporated "British Homœopathic Society," etc. R.O.: London Homœopathic Hospital, Great Ormond Street, London, W.C.1.

**BEECHAMS PILLS, LTD.**—Directors have declared a second interim dividend on the deferred shares of 7½ per cent. for the year ending March 31, 1944. This brings the total distribution to date up to 15 per cent.

## TRADE MARKS

from "The Trade Marks Journal," November 3)

### [CORRECTED NOTE]

NON-MIROIR"; for non-medicated toilet preparations, perfumes, etc. (3). By Coty (England), Ltd., 3 Stratford Place, London, W.1. 624,195.

from "The Trade Marks Journal," November 17)

LINDERMA"; for pharmaceutical preparations for treatment of the skin (5). By Bleasdale, Ltd., 23 Colliergate, York. 624,630.

LAUCONA"; for pharmaceutical preparations for human and veterinary use, sanitary substances and disinfectants (5). By Hauer & Co., Ltd., Shaddongate, Carlisle. 624,750 (Associated).

ULMANYDE"; for preparations for treatment of genito-urinary complaints (5). By Watford Chemical Co., Ltd., 11 Waterloo Place, London, S.W.1. 625,209.

BRAND'S ESSENCE" on strip label with directions, etc.; for meat essences (29). By Brand & Co., Ltd., 72-84 South Lambeth Road, London, S.W.8. 623,942 (Associated).

from "The Trade Marks Journal," November 24)

IOI"; for non-medicated toilet preparations (3). By Coty (England), Ltd., 3 Stratford Place, London, W.1. 624,194 (Associated).

ANJET"; for perfumery and non-medicated toilet preparations (3). By D. S. Badwal & Co., Westview, Skiddaw Road, Marton, Blackpool. 624,835.

PEARSON" and "PEARSON'S"; for disinfectants, insecticides, etc. (5). By Pearson's Antiseptic Co., Ltd., 172 Buckingham Palace Road, London, S.W.1. 619,398-99 (Associated).

UROSAN"; for disinfectants (5). By Pritchards, Ltd., 2 Bulkeley Road, Cheadle, Cheshire. 623,640 (Associated).

UTRAMIGEN"; for infants' and invalids' foods, and for dietetic foods (5). By Mead, Johnson & Co., Ohio Street, Evansville, Indiana, U.S.A. 623,808.

PARTAN" on label device incorporating sprays and diamond shape; for insecticides (5). By H. L. Tucker & Co., Wycliffe Road, Urmston, nr. Manchester. 624,226.

HOSPITALJEL"; for pharmaceutical preparations of aluminium phosphate (5). By John Wyeth & Brother, Ltd., Oldhill Street, London, N.16. B624,312.

PROCUS"; for pharmaceutical preparations for the eyes (5). By Brook, Parker & Co., Ltd., Ashfield, Horton Road, Bradford. 624,401.

ORIZON"; for all goods (5) except infants', invalids' and dietetic foods, medicated sweetmeats, sanitary clothing and menstruation appliances. By Koray, Ltd., 56 Gamage Building, Holborn, London, E.C.1. 624,484.

OSSIPPA"; for pharmaceutical preparations

and substances (5). By A. Wander, Ltd., 184 Queen's Gate, London, S.W.7. 624,366.

"WALTIC"; for pharmaceutical substances for human and veterinary use, sanitary substances, plasters, bandaging material, disinfectants and weed and vermin destroyers (5). By N. Whalley, 132 Upperthorpe, Sheffield, 6. 624,541.

"AERIS"; for inhalers (10). By Silten, Ltd., 14 Weedington Road, London, N.W.5. 624,844 (Associated).

"MINAROIDIS"; for medicinal preparations and pharmaceutical preparations and substances (5). By Bleasdale, Ltd., 23 Colliergate, York. 624,629.

## COMING EVENTS

### Saturday, December 11

EAST MIDLANDS BRANCH, GUILD OF PUBLIC PHARMACISTS, Nottingham General Hospital, Park Row, at 3 p.m. Mr. R. H. Henriksen (vice-president), on "The Constitution and Purpose of the Guild."

### Sunday, December 12

MANCHESTER PHARMACEUTICAL ASSOCIATION. Ramble to Middlewood, Poynton and Disley. Meet London Road Station, 10.5 a.m. Book Disley return.

LIVERPOOL BRANCH, CATHOLIC PHARMACEUTICAL GUILD, Cathedral Buildings, 152 Brownlow Hill, at 3 p.m. Mr. T. F. Davies (probation officer, Liverpool, and secretary, Lourdes Hospital), on "Juvenile Delinquency." Benediction will follow.

### Monday, December 13

ROMFORD BRANCH, PHARMACEUTICAL SOCIETY, Market room, Golden Lion Hotel, Romford, at 7.30 p.m. Mr. R. Forgan, M.C., M.D., on "How to Live to be a Hundred."

### Tuesday, December 14

ROYAL SOCIETY OF ARTS, John Adam Street, Adelphi, London, W.C.2, at 1.45 p.m. Mr. G. Martin, D.Sc., on "Competitive Rubber Plants."

LEICESTER & LEICESTERSHIRE BRANCH, PHARMACEUTICAL SOCIETY, AND LEICESTER SOCIETY OF CHEMISTS, College of Technology, at 7 p.m. Joint meeting. Mr. W. J. Dyke, Ph.D., M.Sc., on "Sulphonamides."

### Thursday, December 16

GUILD OF PUBLIC PHARMACISTS, 17 Bloomsbury Square London, W.C.1, at 7 p.m. Film: "The Technique of the Irrigation Envelope Treatment."

### Saturday, December 18

ASSOCIATION FOR SCIENTIFIC PHOTOGRAPHY, AND SCIENTIFIC AND TECHNICAL GROUP OF THE ROYAL PHOTOGRAPHIC SOCIETY, 16 Prince's Gate, London, S.W.7, at 2.30 p.m. Display of scientific photographic apparatus. Non-members admitted on production of invitation card signed by member.



## TRADE NOTES

**Again Available.**—Hommel's Hæmatogen & Drug Co., 121 Norwood Road, Herne Hill, London, S.E.24, state that supplies of Hommel's Hæmatogen blood-forming tonic are again available.

**Correction.**—International Foot Appliances, Ltd., 92 Baker Street, London, W.1, point out that their telephone number was incorrectly given in an advertisement in last week's issue of the *C. & D.* The correct number is Welbeck 8911.

**Beverage Powders.**—Santiago Neuhofer, 11 Brushfield Street, London, E.1, has now available for distribution limited supplies of highly concentrated lemon-flavoured and orange-flavoured beverage powders in 3-oz. jars. Orders are being executed in strict rotation.

**Floral Bases.**—Penhaligon's, Ltd., manufacturing perfumers, 25 Bury Street, St. James's, London, S.W.1, offer a range of floral compounds and bases to manufacturers of cosmetics, including Eros, which is described as an "ultra-modern product in step with the present vogue."

**Reduced Prices.**—Roche Products, Ltd., Welwyn Garden City, Herts, announce substantial reductions in prices of Prostagmin tablets, as follows:—Bottles of twenty, 6s. 8d., 60s. doz.; 100's, 30s., 270s. doz.; 250's, 68s., 612s. doz. (exempt from tax). The tablets are being charged to chemists at the new rates as from November 29, coming into operation to the medical profession and public on January 3, 1944.

**Price Lists.**—Moore Medicinal Products, Ltd., 7 Bon Accord Square, Aberdeen, have produced a 12-page price list of their pharmaceutical specialities. Copies will be sent to chemists who apply for them, enclosing a penny stamp.—Ward, Blenkinsop & Co., Ltd., Brooklands, Halewood, Liverpool, have issued a 36-page quarto price list of fine and pharmaceutical chemicals. The list is handsomely produced on art paper between limp boards, and includes useful notes on a number of the products listed.

**Temporary Suspensions.**—Bob Martin, Ltd., Southport, Lancs, have suspended for the time being the 1s. 11d. size of their condition-powder tablets and the 1s. 6d. size of Tibs cat powders. Dealers will be notified when production of these sizes is resumed.—Northam Warren, Ltd., London, state that, in accordance with the Toilet Preparations (No. 3) Order, the distribution

of Cutex liquid polish and polish remover ceased on October 31, and that any stock held by retailers must be disposed of before the end of December in the current year.

**Prevention of Sepsis.**—Products newly introduced by May & Baker, Ltd., and distributed by Pharmaceutical Specialities (May & Baker), Ltd., Dagenham, include Propamidine jelly and cream. Propamidine is one of a series of aromatic diamidines synthesised in the company's laboratories and is claimed to possess antibacterial properties which are not inhibited by pus, tissue fluids, or para-aminobenzoic acid. The jelly is available in 4-oz. and 16-oz. jars, and the cream, which is considered more suitable for first-aid application, 4-oz. jars.

### Business Changes

FASSETT & JOHNSON (IRELAND), LTD. (manager, Mr. Ernest D. Attwooll), have moved to 6 Crow Street, Dublin.

MR. A. R. CLITHEROW, M.P.S., has made application to the Price Regulation Committee (North-Western Region) for a licence to carry on a retail pharmaceutical business at 11 Page Moss Parade, Roby, near Liverpool.

FLEMING, REID & CO., LTD., Greenock, have applied for a licence under the Location of Retail Businesses Order, to open a business at 189 Cowcaddens Street, Glasgow, which will include the sale of drugs and medicines.

IN consequence of representations made to them by British Insecticides, Ltd., London, W.2, who have been in business under that title since 1927, the British Insecticide Co., 9 Paddington, Liverpool, have changed their name to RODMILL CHEMICAL CO.

### Proprietary Articles Trade Association

**Alterations to Protected List.**—*E. Griffiths Hughes, Ltd.* Wex saline, 4-oz., 16s. 6d. doz., tax 2s. 9d. doz., inclusive retail price, 2s. 8-oz., 28s. doz., tax 4s. 8d. doz., i.r.p. 3s. 4d. subject to usual quantity terms. 9½d. size unchanged.

*Eli Lilly & Co., Ltd.* Purchase tax adjustments: Cevalin brand vitamin-C tablet, No. 1585, 100's, 4s., 33s. 7d. doz. (exempt). Gentian-violet jelly, 1-oz., ointment No. 30, hamamelis compound, 1-oz., and Trisomin brand magnesium trisilicate, 40's, 16s. 10d. doz., tax 2s. 9½d. doz., i.r.p. 2s. 3d.

## MARRIAGES

**WATSON—SHEARER.**—At Glasgow, on November 30, Daniel Lothian Watson, P.S., 2308 Paisley Road West, to Elizabeth Shearer, Pollokshields.

## DEATHS

**AKAM.**—On November 2, Mr. Arthur Akam, Ph.C., 13 Great Hampton Street, Birmingham. Mr. Akam qualified in 1892 and passed the Pharmaceutical Chemist Examination the following year.

**DAVIES.**—On November 4, Mr. John Davies, M.P.S., 119 Raiton Road, Herne Hill, London, S.E.24, aged eighty.

**LAUDER.**—Recently, Dr. Alexander Lauder, F.I.C., F.R.S.E., formerly head of the chemistry department, Edinburgh and Vice-President of Scotland Agricultural College. Dr. Lauder, in conjunction with Professor J. Dobbie, F.R.S., investigated the alkaloids of *Corydalis cava*, working out their constitution. He had served on the Councils of the Institute of Chemistry and the Society of Chemical Industry, and was Chairman of the Edinburgh branches of the Chemical Society and the Institute of Chemistry. He retired in 1936.

**LIVESEY.**—In London, on November 29, Mr. Geoffrey H. Livesey, a former president of the Royal College of Veterinary Surgeons, Secretary of the National Veterinary Medical Association, editor of the "Veterinary Record," and a member of the Council of the Royal Veterinary College.

**MITCHELL.**—On November 24, Mr. Harold Mitchell, 56 Woodgrange Road, London, N.7, aged eighty-two. Mr. Mitchell qualified as a chemist and druggist in 1881. He was for forty-nine years in business at Woodgrange Road, and was the first president of the West Ham Chemists' Association as well as one of the original members of the Local Insurance Committee.

**POUSTIE.**—At Devon House, Galapark Road, Galashiels, on November 30, Mrs. Adelina Hobkirk Poustie, widow of the late Mr. James H. Poustie, M.P.S., Galashiels.

**POTTS.**—On November 22, Mr. Edwin Potts, O.B.E., secretary of the National Association of Insurance Committees, Clerk to the Durham County Insurance Committee from its inception in 1912, and secretary of the North of England Joint Insurance (Prescription) Committee. At the funeral on November 25, pharmacy was

represented by Messrs. W. Forster (Durham Pharmaceutical Committee) and T. Melrose (Durham Branch of the Pharmaceutical Society).

**REEVE.**—On November 13, Miss Winifred Alice Reeve, Ph.C., 83 South Bank, Lillington, Leamington Spa, aged forty-five.

**RICHARDSON.**—At Hurstpierpoint, on December 3, Mrs. Mary Richardson, widow of Mr. Benjamin Richardson (formerly a director of Thos. Christy & Co., Ltd.).

**TRICK.**—At Faversham, Kent, on November 17, Mr. Percival William Clement Trick, M.P.S., 16 Grantchester Road, Cambridge. Mr. Trick qualified in 1899.

**WROTHWELL.**—On November 20, Mr. Frederick James Hartley Wrothwell, M.P.S., 10 Market Place, Kirby Moorside, Yorks, aged seventy-one.

**YOUNG.**—Recently, as the result of an accident, Mr. John Boyd Young, Maddybenny, Coleraine, brother of Mr. H. E. Young, Ph.C., The Strand, Londonderry.

## PERSONALITIES

**MR. PERCY WILSON, M.P.S.**, was recently installed W. Master of the Lodge of Truth (1458), Manchester. (Corrected note.)

**MR. CHARLES WALKER, M.Sc., A.I.C.**, has been appointed manager of Sandoz Products, 134 Wigmore Street, London, W.1.

**MR. HORACE COTTON**, formerly hospital officer to the Manchester Corporation, has been appointed statistician to the Nuffield Trust.

**ALDERMEN C. A. CRITCHLEY, Ph.C.**, and **B. HOLDEN, M.P.S.**, Blackburn, have been appointed governors of Blackburn Girls' High School.

**LORD WOOLTON** (Minister for Reconstruction) has been appointed chairman of the executive committee of the British Red Cross Society.

**MR. JOHN C. HANBURY, M.A. (Cantab.)**, B.Pharm. (Lond.), Ph.C., a director of Allen & Hanburys, Ltd., has been elected an Associate of the Royal Institute of Chemistry.

**MR. W. COLLINSON**, Oswaldtwistle, managing director of W. Blythe & Co., manufacturing chemists, recently presented 5s. each to all Stanhill district residents of seventy and over, and a savings stamp, value 2s. 6d., to every local child up to the age of ten.



# PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

THE monthly meeting of the Council of the Pharmaceutical Society was held in London, on November 30 and December 1. THE PRESIDENT (Mr. W. S. Howells) welcomed Mr. W. J. Tristram, Liverpool, as a new member. He also reported the death of Mr. John B. McVittae, Glasgow (chairman of the North British Branch of the Pharmaceutical Society in 1933).

## Tuesday's Session

Among the items of business transacted were the following:—

### New Proprieties

A reply was received from the Ministry of Health to the Society's letter calling attention to the undesirability of a particular new proprietary remedy being marketed. The reply stated that it was the practice of the Ministry of Supply in controlling the distribution of a scarce drug to consult the Ministry of Health and the Medical Research Council as to the relative values of the various purposes for which the drug might be used, but that the Departments would not be justified in using their emergency powers for the purpose of controlling the distribution of a drug which was plentiful. In view of the nature of the product concerned it was decided to pass the facts on to the British Medical Association for their views before taking the matter up again with the Ministry of Health.

### Rat Menace

THE SECRETARY reported the views of the Ministry of Food on the use of strychnine as a rat poison. The Ministry was satisfied it was unnecessary, and that other poisons were available in adequate amounts. Supplies of red squill now coming on the market would be maintained, subject to shipping being available.

### Correspondence

Letters were received from (i) the Guild of Public Pharmacists, expressing apprehension at the substitution of pharmacists in hospital posts, and urging that care should be taken to ensure that inexperienced pharmacists or unqualified dispensers would not be suggested by the Central Pharmaceutical War Committee as substitutes for responsible pharmacists in hospitals; (ii) the National Pharmaceutical Union, forwarding a resolution from the

Executive regretting the necessity increasing the retention fee, and urging that the increased income from this source should be reserved for the Society's building fund. The Council referred the letter to the Finance Committee and to the Lancaster and Morecambe Branch, forwarding a resolution that proposals for the future pharmaceutical service should be based upon all pharmacies, and that a State service which would not operate through all pharmacies should be opposed.

## Wednesday's Proceedings

### Amendment of By-laws

The Council read a third time a proposed amendment to the by-laws (see *C. & D.* November 13, p. 499).

### Registration

THE REGISTRAR reported that forty-nine persons had been registered as Apprentice or Students since the previous meeting. The names of sixteen persons removed during previous years and seven persons removed during the current year were restored. The addresses of two sets of premises were restored. The addresses of 129 sets of premises, registered under Section 12 of the Pharmacy and Poisons Act, 1933, as amended by Section 1 of the Pharmacy and Medicines Act, 1941, removed from the Register during the current year, were restored.

### Education

MR. P. F. ROWSELL moved the minutes of the Education Committee. It was agreed to invite the observations of teachers in approved institutions and of the boards of examiners for England and Wales and for Scotland upon the draft syllabuses for botany, zoology and physiology. The Council received the approval of the Privy Council for the appointment of examiners for England and Scotland during the year 1944.

### Pharmacists in the Army

MR. J. T. APPLETON, moving the minutes of the Public Services Committee, on the question of pharmacy in the Army, said that it was suggested that branches should now be circularised with a request to approach their Members of Parliament, and that a pamphlet should be prepared to assist them in that work.

MR. L. M. PARRY, Liverpool, asked if the Council was going to let the matter remain in their hands and to put the work on to the branches, or was something positive going to be done? Was the Public Service Committee evolving a practical scheme in approaching the Army authorities in a more forcible way than at present?

MR. APPLETON replied that the Public Services Committee was endeavouring to do all it could, in as forcible a manner as possible, compatible with dignity, to move the Army Council from its decision. There had been a Press conference, and certain persons had given prominence to the matter. The Committee was building up a case for the ultimate presentation of questions in Parliament if possible, and was asking members and members of the Society to approach their Members of Parliament, so that M.P.s would be personally acquainted with the position of pharmacists in the Army when the matter was raised, possibly in the House. It was not the intention of the Public Services Committee to lie quietly and do nothing. So far as pharmacy in the Royal Air Force was concerned, it was decided, in view of an earlier reply that the R.A.F. would consider the matter when the War Office had replied, to approach the War Ministry again to establish a pharmaceutical service similar to that advocated in the Army. The Committee had received a letter from pharmacists in the service of the Northern Rhodesian Government concerning their position, and it had been agreed that the time was opportune to take the matter with the Colonial Office. The minutes were agreed to.

#### War Aid

The total of the Society's War-aid Fund on November 26 was £28,599 10s. It was agreed that a Christmas gift of £10 10s. could be sent to each of eight repatriated members and students of the Society and the repatriated husband of a member. It was agreed that the present time was appropriate for a special appeal for contributions to the Fund.

#### Museum Recommendations

MR. A. R. MELHUISH: There was a commendation that DR. WALLIS should be thanked for a suggestion made in his conference address on the subject of the Society's museum, but the Committee, after examination, felt it was not expedient at the moment to carry out the suggestions. MR. H. M. HIRST, Scarborough, said he hoped that Dr. Wallis's report would not

be pigeon-holed, as he felt that pharmacognosy had been slipping down in their estimation. While other people could describe themselves as chemists they of the Society were the only people who could describe themselves as druggists. He thought that they went too much on the chemical side and not enough on the drug side. They should carefully study Dr. Wallis's recommendations, and ought to be taking active steps to train a successor.

MR. MELHUISH said that members of the Committee were as interested in the subject of pharmacognosy as was the previous speaker.

It was agreed that DR. WALLIS should be thanked for his suggestions and informed that the Committee, having carefully examined his views, had agreed to bear them in mind in future planning.

#### Establishment Committee

The Council agreed to a recommendation from the Establishment Committee that an offer of £1,475 annually as settlement of the Society's claim for compensation for the use by the Services Central Book Depot of a portion of the Society's Brunswick Square premises should be accepted. THE CHAIRMAN explained that the Society had asked for £2,000 and been offered £1,000. Mr. Rowsell had succeeded in getting the figure raised to £1,475. THE SECRETARY explained that the payment was not a rent.

MR. PARRY: What has happened to the Committee flag? We are discussing important matters, Mr. President.

THE PRESIDENT: Does the Council think we should discuss this in committee? (Cries of "No.")

MR. A. A. MELDRUM, Aberdeen, handed to Mr. H. M. Hirst (chairman, Benevolent Fund Committee) a cheque for £80 raised by the Aberdeen Branch for presentation to them. Members of the branch, he said, had wished to do him honour, but he handed the money on as he thought that it would do more good to the Benevolent Fund.

MR. HIRST said he would like to endorse the views expressed by Mr. Meldrum on behalf of the chemists of Aberdeen. He would say to other members of the Society: "Go thou and do likewise."

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the C. & D., 17 Argyle Street, Bath, Somerset.



## CASES BEFORE STATUTORY COMMITTEE

THREE cases were before the Statutory Committee of the Pharmaceutical Society at an inquiry in London on November 25.

### Pharmacy Act Conviction

The first concerned a company of chemists which had been convicted in April of offences under the Pharmacy and Poisons Act, 1933, and fined a total of £15, plus a further £10 for unlawful use of the title "Chemist." The case for the Society was that for a period of approximately three weeks a number of prescriptions had been dispensed by an unqualified person—a boy—without the supervision or assistance of a registered pharmacist. This had not been before the civil Court.

Mr. W. J. C. Quarrell (solicitor for the Society) said that one of the Society's inspectors had called at a branch of the company, found a boy aged about seventeen in charge, and purchased from him a bottle of Q.R.U. mixture, containing morphine. At a later date she purchased from the same person a bottle of Castellani cough mixture, containing morphine, and on a further visit bought a package of Anestan tablets, containing ephedrine. On each occasion there had been no one in the shop but the boy. The poisons register was found to contain only one entry in two months: that was for 64 minims tincture of belladonna sold by the boy on December 2. In the prescription book were fifteen prescriptions stated by the boy to have been dispensed by him without supervision. Other prescriptions had been dispensed when there was no registered chemist in charge.

Replying to the chairman, the inspector said the boy admitted he was not a registered chemist, and stated he had been in the employ of the company for eighteen months, but a registered apprentice for only three months.

The Chairman: Was the tincture of belladonna sold in a small phial filled from the stock bottle?—Yes.

Fifteen of the prescriptions referred to had contained poison. She informed the boy that if he continued to sell medicines and dispense prescriptions he might be prejudicing his future career. At the head office of the company she was informed that the shop would be closed immediately.

Solicitor for the company asked the Society's inspector if a qualified man in the company's employ had not suggested he would make up the prescriptions and the

boy would enter them in the book? The answer was "No."

Mr. Quarrell: It has just been suggested that a pharmacist made up the prescriptions. Did the boy tell you he had dispensed them?—Yes.

The solicitor for the company said that since the trouble there had been a qualified pharmacist in charge at each of the four branches and there was also a superintendent.

A director said the company's previous pharmacist had left on account of illness on November 28; a locum had been in charge between December 17 and 23, and between December 24 and 30. The locum had left without notice. He (the director) had been led to believe that a qualified man was supervising the dispensing.

The Chairman: Does your knowledge of the rules by which we are guided bring this to your notice: that evidence may be received by us by written and signed statement or statutory declaration? Have you asked either the qualified man referred to or the boy, to make a statement in writing fortified by a statutory declaration, to the effect that the boy did not make up the prescriptions?—I wasn't aware of the particular point, or I should certainly have had that done.

The Chairman: Do you think they would make statutory declarations to that effect?—I do.

The Chairman then said they would adjourn the case for the statutory declarations to be produced.

### Removal of Name Not Called For

The next case concerned a Salford chemist, who did not attend the inquiry and was not represented. Mr. Quarrell said the man was convicted on August 5, 1942, having received stolen food to the value of £8, for which he received a sentence of eight months' hard labour. A police inspector said he knew nothing to the man's detriment since he came out of prison; he might be described as rather stupid.

The Chairman: You would agree that he is a man who could easily be led astray not by anybody, but certainly by the man who made him accept these foodstuffs?—Yes.

An inspector of the Society said she visited the shop on June 15 and November 11, and found it very dirty, with not much pharmaceutical work.

The Chairman, announcing the Con-

tee's decision, said it was a sad and in any ways a sordid story, but on the whole they had come to the conclusion that it was not a case in which the Committee was called upon to order the removal of the name from the Register. A point he desired to emphasise, in case questions might be raised in the future, was that, owing to a mistake for which neither the Committee nor the Council, nor any of their officers, were in any way responsible, information as to the conviction had not come before the Council until some time after the man had actually served his full term of imprisonment and returned to his job. They felt they would not be justified, after that lapse of time, in exercising to the full their powers against him.

#### to Await Medical Certificate

The third case was that of a London chemist who had been convicted in Scotland of offences under the Dangerous Drugs Regulations, 1937, and fined £8.

Mr. Quarrell said that at the time material to the inquiry the man was acting as a qualified manager.

An inspector of the Society said he found the man in rather a nervous condition.

The superintendent of the London firm presently employing the man said they were likely to keep him on.

Accused, speaking on his own behalf, admitted he had taken drugs to relieve pain caused by a badly ulcerated leg.

The Chairman: Have you given up the practice of taking drugs?—Yes; I only took them to alleviate pain.

The Chairman said the man had told them quite frankly that there was a time when he had been taking more drugs than was good for him for the purpose of killing the pain from his leg. In the eighteen months since he had been in Scotland he had been virtually on trial, and the committee was glad to think he had succeeded in putting the habit behind him. He had earned the praise of the people who had employed him during that time, and who were prepared to continue to employ him. Eighteen months was perhaps rather a short period to be on trial, but the committee wanted to help the man in any way they could. They therefore asked him, at the end of six months, to come back with a certificate from his medical attendant to the effect that, so far as the doctor could see, he had really cured himself of the habit of taking drugs. If he was prepared to do this, they proposed not to do anything further about the matter that day.

## C. & D. DISPENSING PRICE LIST

CHANGES in prices for November were more numerous than in the preceding month, and the index for the first time in five months has shown an advance, being 134.6 against 134.4.

Cost		Due allowance has been made for purchase tax in both cost and dispensing prices	Dispensing price		
d.	per		4 oz.	1 oz.	1 dr.
39	oz.	Amidopyrina R only	—	6 3	0 11
9	oz.	Amyl. nitris P.I (8)	—	1 8	0 3
32	lb.	Aloe Capensis pv.	1 4	0 6	0 1
8	oz.	Betanaphthol ..	—	1 2	0 2
52	oz.	Caffeina ..	—	8 5	1 3
15	dr.	Cinchonina ..	—	—	2 6
130	dr.	Crocus pulv. ..	0 5	per	grain
90	lb.	Cupri oxidum pulv. (aerugo) ..	—	1 0	0 2
144	lb.	Creosotum P.I (8)	5 8	1 8	0 3
60	lb.	Dec. papav. et anth. conc. P.I (10)	2 5	0 10	0 2
30	oz.	Eugenol ..	—	4 5	0 8
18	oz.	Ext. cascaræ sagradae ..	—	3 1	0 6
45	oz.	Ext. ipecac. liq. ..	—	7 4	1 1
123	lb.	Ext. kolæ liq. ..	—	1 6	0 3
40	oz.	Ext. rhei pulv. ..	—	6 4	0 11
33	oz.	Hydrarg. subsulph. flav. ..	—	4 10	0 9
90	lb.	Inf. rhei conc. ..	3 7	1 1	0 2
126	lb.	Inf. senegæ conc. ..	5 0	1 5	0 3
20	oz.	Liq. epispasticus S.I (5)	—	3 4	0 6
32	oz.	Ol. myristic. ex-press. ..	—	4 8	0 8
13	lb.	Ol. palmæ ..	0 7	0 2	—
32	oz.	Pepsinum ..	—	4 8	0 8
20	oz.	Peptonum ..	—	3 0	0 6
27	oz.	Phenazonum ..	—	4 5	0 8
13	oz.	Pigment. chrysarobini ..	—	4 0	0 8
11	oz.	Pil. rhei co. pulv. ..	—	1 10	0 3
27	oz.	Podoph. resin. pulv. ..	—	4 5	0 8
22	lb.	Potass. bicarb. pulv. ..	0 11	0 3	—
19	oz.	Potass. guaiacolsulphonas ..	—	3 2	0 6
72	lb.	Pulv. rhei co. ..	2 10	0 11	0 2
105	oz.	Quinidina ..	0 8	per	grain
32	oz.	Rhei rhiz. "E.I." pulv. elect. ..	—	4 8	0 8
14	oz.	Spt. pulegii ..	—	2 2	0 4
11	oz.	Strontii bromidi cryst. ..	—	1 8	0 3
120	lb.	Tr. guaiaci ammon. ..	—	1 5	0 3
7	oz.	Terpin. hydras ..	—	1 0	0 2
75	lb.	Ung. cantharidini S.I (5)	—	1 0	0 2
43	lb.	Ung. chrysarobini ..	1 10	0 7	0 1
45	lb.	Ung. rusci co. ..	1 11	0 7	0 1
19	oz.	Urethanum R only	—	2 10	0 5
556	lb.	Zinci chlorid. (fused) ..	2 3	0 11	0 2
9	oz.	Zinci phosphidum ..	—	1 4	0 3



## BATHIZE

A soothing lotion for the eyes

IN ATTRACTIVELY SHAPED

6. oz.

**AMBER BOTTLES**

14/- dozen. 2/- retail (inc. tax)

**JOHN KNOX (STOKE-ON-TRENT) LTD.**

CANNON STREET

HANLEY - - STOKE-ON-TRENT

## NOSTROLINE

NASAL REMEDY

Now ONE size only, 1/3

*Purchase Tax Extra*

MATTHEWS LABORATORIES, LTD., BRISTOL, 8

**FENNINGS' OVER 80 YEARS  
REPUTATION**  
**Children's Powders**  
ADVERTISED EVERYWHERE. READY SALES.  
**ALFRED FENNINGS, COWES, I.W.**

### POISONS LEGISLATION

is intricate. Difficulties are quickly solved if you use C & D POISONS GUIDE. Post free 4/9 from  
THE CHEMIST & DRUGGIST  
28 ESSEX ST., STRAND, LONDON, W.C.2

## SEALS & LABELS

*of Distinction*



For that suggestion of quality in your package that actively helps to sell, you can rely on the attractive Seals and Labels produced by

**Wm. SESSIONS, LTD.**  
THE EBOR PRESS, YORK

## S. V. R.

**JAMES BURROUGH LTD.**

1 Cale Distillery Lambeth S.E.11

**BLYTON ASTLEY & CO., LTD.**

**Eagle Laboratories**

**LOWER BROUGHTON, MANCHESTER**

thank their customers for their patience and for bearance during these difficult times, and assure them that every effort is being made to supply quick lines which they have previously purchased.



Adapted for  
Headache, Neuralgia  
and other powders

### CACHETS "FINOT"

17 Sizes to fit various types of machines

**COOPERSON & Co., Ltd.**

120 Gloucester Road,  
LONDON, S.W.7

**LATIN** for  
**PHARMACEUTICAL STUDENTS**  
(Cooper & McLaren)

An invaluable Latin Course for Students.  
Completely up-to-date

You can secure a copy of this most useful book by return of post if you send remittance value 8/- to

**THE CHEMIST AND DRUGGIST**  
28 ESSEX ST., STRAND, LONDON, W.C.2

**NATIONALLY  
ADVERTISED**

**GOLDSTONE  
BEETLE  
VIRUS**

**DESTROYS BLACK BEETLES**

The Beetles disappear and die, leaving no odour

Retail 1/- (8/- per dozen net)  
" 1/9 (14/- " " )

Not liable to purchase tax

**GOLDSTONE CHEMICAL WORKS**  
HOVE, ENGLAND

# THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

RETAILER — WHOLESALE — MANUFACTURER

ulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied Industries in Great Britain, Eire, British Empire, and foreign countries

al organ of The Pharmaceutical Society of Great Britain, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of London, and of other Chemists' Societies in the Empire

---

 CXL DECEMBER 11, 1943 NO. 3331
 

---

*fact that goods made of raw materials for export supply owing to war conditions are not mentioned in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.*

---

## J.I.C. for Pharmacy

Ministry of Labour and National Service has just announced the formation and composition of a Retail Pharmacy Retail Joint Industrial Council (see *Chemist and Druggist*, October 30, p. 441). Negotiations have been proceeding for some time between the trade unions and organisations of employers concerned in retail pharmacy with a view to the establishment of a Retail Joint Industrial Council for the retail trade. At a meeting held at the Ministry of Labour and National Service on Friday, December 3, the new Council was formally constituted. At the beginning of the proceedings Mr. M. S. McCorquodale, Joint Parliamentary Secretary of the Ministry of Labour and National Service, addressed the representatives and extended the good wishes of the Minister for the work of the new Council. Mr. J. N. Pett and Mr. A. W. Thompson, representing the Ministry of Health, also attended.

### Organisations Represented

The membership of the Joint Industrial Council will be composed of representatives of associations of employers and of trade unions. Sir John Forster will act as the

independent President and the first Chairman and Deputy Chairman will be Mr. G. A. Mallinson, M.P.S., and Mr. J. Gilmour, M.P.S., respectively. The organisations included in the membership of the Council are the National Pharmaceutical Union, the Company Chemists' Association, the Co-operative Union, Ltd., the London Employers' Association, the Retail Distributors' Association, the Multiple Shops Federation, the National Amalgamated Union of Shop Assistants, Warehousemen and Clerks, the National Union of Distributive and Allied Workers, the National Union of Co-operative Officials, the Association of Scientific Workers and the Chemical Workers' Union. The Joint Secretaries are Mr. G. M. Hann, Dilke House, Malet Street, London, W.C.1, and Mr. H. Noble, 4 Queen Square, London, W.C.1.

The scope of the Council will cover not only the regulation of wages and conditions, but also a wide range of subjects upon which joint consultation may be pursued, dealing with matters affecting the progress and well-being of retail pharmacy. There is a vast amount of useful work in front of the Retail Pharmacy N.J.I.C. At this juncture it is not for us to comment on some of the main points that will come up for consideration. In wishing good luck and a useful life to this entirely new organisation in the retail trade, we will content ourselves by saying "May wise counsel and forbearance and understanding of each others' difficulties prevail."

## A War-time Essential

THE widely recognised value of *The Chemist and Druggist Diary and Year Book* as a means by which all engaged in the drug trade can keep abreast of fiscal, legal and other developments is perhaps at its greatest in the difficult days of war. The seventy-sixth issue of this unrivalled reference and record book, it will be admitted, suffers nothing by comparison with its predecessors. No apology is needed that the smaller page has again been dictated by the stringent paper situation, for this handy-sized *Diary* proved distinctly popular with readers last year. The sixty-four editorial pages are tightly packed with useful matter, and it has again been found



necessary to encroach on the white pages to accommodate the postal information, which falls, however, most conveniently for reference at the immediate rear of the diary pages proper.

### Special Articles

The loss apprentices and students must have felt owing to our inability to publish the usual Educational Number of THE CHEMIST AND DRUGGIST in August of the present year is largely made good by a fully descriptive article on "How to Become a Chemist," which describes the steps to be followed by intending pharmacists in Great Britain, in Northern Ireland and in Eire. It is to be hoped that proprietor pharmacists will bring this to the notice of any intending apprentices. Another subject dealt with at some length is the formation of a limited company. An article on the legal and other requirements appeared in the *Diary* a good many years ago, but many modifications have in the meantime become necessary. Many chemists are seeking guidance on this important subject today, and we are able to offer them full, accurate and up-to-the-minute information. To employees and employers alike the method of deducting income tax from weekly wages has become of paramount interest since the introduction of the current year's Budget, and the basic method of calculation is outlined. The explanatory pages on the Pharmacy and Medicines Act, 1941, are again included, and it is urged upon every pharmacist to re-read these, because recent court cases have established rulings on, for example, the so-called "female" capsules and "tonic" wines which may upset previous practice in many retail businesses. Additions, adopted at the 1943 meeting of the Branch Representatives, to the Pharmaceutical Society's "Statement upon Matters of Professional Conduct" have also a bearing on the provisions of the Act.

### Late Changes

Readers are asked to note the following additions, or post-publication changes, in the list of "Drug Trade Organisations":—

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND: *President*, Mr. J. T. Nicholl; *Vice-president*, Mr. C. Abernethy; *Treasurer*, Mr. James McDowell.

SOMERSET BRANCH, PHARMACEUTICAL SOCIETY.—*Secretary*, Mr. D. H. Mo Ashcombe Pharmacy, Weston-super-Mare.

BRADFORD BRANCH, NATIONAL PHARMACEUTICAL UNION.—*Secretary*, Mr. A. Davy, Towngate Pharmacy, Idle.

SHROPSHIRE AND MONTGOMERYSHIRE BRANCH, N.P.U.—*Secretary*, Mr. E. J. Gerrison, Market Street, Oakengates.

The following alteration should be made in "Public Offices and Associations":—

NATIONAL PHARMACEUTICAL EMPLOYMENT UNION.—*Secretary*, Mr. I. Duncan, Charterhouse Street, London, E.C.1.

Subscribers are asked not to write for copies of the *Diary*. In present conditions of postage, the number of copies dispatched has to be spread over a period of time, and delays are inevitable, but all new current subscriptions are paid may be guaranteed that their copies will eventually arrive.

### Nurses' Salaries

IN its second report to the Minister of Health (Cmd. 6487, H.M. Stationery Office, price 9d.), the Nurses' Salaries Committee, under the chairmanship of Lord Rushcliffe, recommends national scales of salaries and emoluments for nurses employed in the public health services; district nurses and midwives; State Registered Nurses in day and night duty; dental nurseries; and male nurses employed in hospitals or public assistance institutions. The scales will affect about 17,000 nurses in England and Wales, and when in operation will mean increases of salaries totalling well over £500,000 a year. They follow increases totalling between £1,500,000 and £2,000,000 a year to female hospital nurses under the first report (C. 6, February 20, p. 198), and increases totalling over £250,000 for midwives other than those covered by the present Report. The Committee recommends that the scales should operate retrospectively from April 1 (when the new scales for female hospital nurses and midwives came into force), and the recommendations have been approved by the Minister of Health, which is asking employing authorities to put them into effect. The scales are subject to additional allowances to certain groups of nurses in London and Metropolitan police district.

# THE CONTROL OF MEDICAL SUPPLIES

by Arthur Mortimer, O.B.E., M.P.S.

(Deputy Director of Medical Supplies, Ministry of Supply)

ARTHUR MORTIMER gave the following press entitled "The Ministry of Supply its Relation to the Pharmaceutical Industry" to members of the Pharmaceutical Society on December 9:—

Can you, as pharmacists, imagine the drastic state the country would be in during a period of war without control and direction? When manpower, shipping space, transport and raw materials are being put to other than normal uses it is essential that there should be some organisation that takes the task of ensuring that supplies are being produced and delivered to the places where they are necessary at the appropriate time.

The Ministry of Supply was formed before the war to deal with the planning of production and supply of munitions of war and everything appertaining to the Services. The time came, however, when, due to the exigencies of the situation, it was necessary for a Directorate of Medical Supplies to be inaugurated in 1940.

You have only to look back to the time prior to 1939 to realise how dependent this country was on Central Europe for vegetable drugs and medicinal herbs, finished products on the chemical side, as well as intermediates for many processes. During 1914-18 war, prices of certain items rose to astronomical heights—potassium permanganate rose from 8d. per lb. to 21s. 1lb., potassium bromide from 2s. 2d. to 14s. 3d., sodium salicylate from 2s. 1d. to 24s., phenacetin from 5s. to more than 100s. per lb. During this war there has been comparatively little increase in the price of goods connected with the pharmaceutical industry, and of essential medical supplies there has been no real shortage. You may have thought that this was due entirely to forethought and foresight of the trade. The trade has certainly done a very great deal to assist, but without the direction and control, to which reference has already been made, the machine might have broken down.

Enormous demands have been placed upon certain raw materials for other than pharmaceutical purposes, and enormous demands have been placed upon the pharmaceutical industry for adequate supplies for the Services, our Allies, and in other cases where demands could legitimately be made. The Directorate of Medical Supplies,

which is the branch of the Ministry dealing with those matters closely affecting the industry which you represent, has the enormous responsibility, in that it must be prepared to supply all the medical needs already referred to, as well as the hospitals and infirmaries of our own country, the pharmacists for National Health dispensing, and supplying the needs of the civilian population, the Empire and others for whom we have a moral responsibility, as well as the preparation of a stock pile so that Central Europe and other enemy-occupied territories can be supplied with medical requirements immediately hostilities have ceased.

It will be of interest for you to realise the scope of the term "medical supplies." It does not consist of medicines, drugs and pharmaceutical chemicals as you know them, but includes surgical instruments, dressings and accessories of all descriptions, optical and dental appliances, x-ray apparatus, and everything that would be necessary to fit up a medical unit, including surgical equipment, but excluding beds and bedding.

In order that the work could be accomplished satisfactorily, it was necessary that all technical posts should be filled by men and women with the necessary technical qualifications. The Directorate has taken this line from the commencement, and the large number of pharmacists, as well as other qualified technicians, employed in the Directorate are engaged on work which their training has made them particularly suitable for handling.

Production has had to be planned and raw materials provided. Before that could begin a survey of the world drug position had to be made to find out which drugs were likely to be in short supply because of the geographical centres from which they came, and to inquire into alternative sources of those drugs where available. It was necessary to arrange shipping routes, and in some cases to purchase drugs from countries that could supply. In some cases it was necessary to arrange production of certain vegetable drugs and herbs where climatic conditions were favourable. It was also necessary to arrange for the collection in our own country of such things as grow wild which could be collected. The quantity of dried vegetable drugs and herbs collected in this country during the current year will



exceed 250 tons medicinal herbs, and 500 tons rose hips.

The Vegetable Drugs Committee was set up by the Ministry of Health to assist in this work. On this Committee the services of Dr. Wallis have been much valued and appreciated. There has been considerable co-operation with the Central Pharmaceutical War Committee in helping to ensure that pharmacists on the manufacturing side should be available.

It was essential to find what stocks there were of all kinds of things likely to be in short supply in this country, and how best to utilise those stocks for the common good.

It may be said that it was unfair to take the stocks which wholesale houses and manufacturers had, by their forethought, arranged to have in the country, but it must not be forgotten that they were requested, in many cases, to keep larger stocks than usual, and an indication of the amount they should obtain was given in many instances.

The export trade had to be watched, and though in the early days of the war encouragement was given to increase exports, even to the extent of injuring the home trade, the time came when the export trade had to be curtailed. Even now there is a reasonable amount of export trade continuing, but where the raw materials involved are in short supply, it has been seriously interfered with or cut off altogether.

Imports required careful watching. Encouragement was given to the importation of those articles which were considered necessary in war-time, and for this purpose the advice of the Ministry of Health and the Medical Research Council was taken. It must be clearly remembered that the Directorate of Medical Supplies is purely a supply department, not an advisory department. The Directorate must see that the articles considered necessary by the medical authorities shall be there when required.

There was, with the close co-operation and collaboration of the Board of Trade, a limited control kept on both exports and imports. This has been a great advantage to the trade, in that it has assisted in keeping prices to a proper level, and ensuring that adequate supplies of necessary articles were available.

Allocation of raw materials has had to take place in order to prevent misuse of articles in short supply. For instance, cotton has to be allocated for surgical dressings. Steel, copper, rubber, glass and many other

articles, which are required for surgical instruments, have to be allocated. There is the question of steel for plates. Each case has to be considered on its merits and is dealt with by a special Committee of the Board of Trade, which handles plant applications with the advice of the department concerned. It has meant that rationing has had to take place for many articles and controls have had to be placed upon the use to which certain materials can be put.

The Directorate has most fortunately had the goodwill of the trade, so that it has been able to accomplish all that it has done without any large increase in prices and without running out of stocks of essential materials. It has only had to introduce one statutory rule and order (control of quinine and cinchona), the rest has been done entirely by the goodwill of the pharmaceutical industry of the country.

There is a contracts branch which deals with all contracts placed for supplies to Services and others, but this is not directly under the control of the Directorate of Medical Supplies, yet it is in constant touch with the Department.

A staff of qualified inspectors examine the materials and finished products; they take the pharmacopoeial standard as their working model. This is work that requires tact and skill as well as the absolute faithfulness which comes when a man knows his work and that he is doing his duty.

You will see that there is a responsibility placed on the Directorate to ensure that plant and production questions are dealt with and that labour is protected in so far as that is coupled with the demands made by the Ministry of Labour for war purposes.

There must be a considerable amount of co-ordination of supplies in order that the Empire and our Allies and friendly neutrals are not left in the lurch. We have formerly supplied many of these with their medical necessities, and we have a duty to show what we have at the present time.

Then there is the question of the Lend-Lease procedure which was instituted by the United States to give this country a great deal of help which was sorely needed. Lease-Lend was intended primarily for munitions of war—medical supplies for certain purposes are regarded as munitions of war, and as a result many articles come to this country from America under this arrangement. Lease-Lend, however, is reciprocal in that we supply goods to the United States Army and to certain theatres of war. This is done with the object

ng shipping and transport, and at the e time of using our common supplies ur common advantage.

he number of items for which the irectorate is responsible is well over 000, without adding the enormous umber of varieties, kinds and sizes. It is etimes difficult to decide which article t have priority over all others, or which hould have priority in certain cases. Only sound basis on which this can be ded is if the answer to the question his essential to the war effort?" is in affirmative.

t will be realised that in the Ministry of ply there are many controls which deal n raw materials required in medicine. Instance, alcohol, amyl acetate, acetone, and steel, mercury, bromine, as well many other metals and raw materials. re is a close liaison between all the ions in the Ministry so that the proper cation can be made for medicinal uses. here is also a close liaison with the istry of Health and the Medical Research ncil, from whom advice is received as he essentiality of medical supplies.

he Ministry of Food, which controls cose, sugar, saccharin, oils and fats, ps and many other things used in phar- cy, is constantly in touch with the irectorate.

he Mines Department, which is respon- e for coal tar, and all coal-tar products, been responsible for seeing that ade- te supplies of phenol were available for the necessary purposes for which phenol equired. Its major use during the war een for certain plastics employed in raft production. No phenol has been cated for plastics for non-essential pur- es since the Coal-tar Control was tituted.

By far the largest use of phenol on the icinal side is in the manufacture of cyclates. It is used in dyestuffs, and in ny other trades, but there has never been shortage for medicinal use.

Vaccines and sera are also the responsi- ty of this Directorate, and planned uction has had to be on an unpren- tented scale; it will be interesting to e that there are well over 1,200 horses e for the manufacture of antitoxins d sera.

There is one point which might easily be erlooked: that is the question of medical earch. Should medical research be con- ued in war-time? In so far as it has en possible to deal with articles which e essential for the war effort, the medical

research which started before the war has been encouraged. You have only to read the report of the chief medical officer of the Ministry of Health to realise that the health of the nation is remarkably good, and the report of the Secretary of State for War, that the health of the Army is remarkable. It cannot be forgotten that in past wars, for instance in the South African war, more people died from disease than were actually killed in battle. Most of the great military campaigns of the past have been settled by disease rather than force of arms. In order to control preventable disease, such as dysentery, typhoid, malaria and similar virulent and terrible diseases, it has been necessary for work to be done on a big scale. Hygiene and medicine have gone hand in hand in preventing these diseases. The medical services of the Forces and of the country cannot be too highly praised for the work they have done in maintaining the health and efficiency of the nation and the troops. It must be realised that medical ability, great though it is, can only be as good as the knowledge which medical and scientific research allow it to be. We have continued to provide, within the scope of the Department, the necessary raw materials and plant for research on approved lines, so that the very best could be provided for those who needed it.

As you will be well aware, the panacea for malaria was, prior to the war, quinine. Since the capture of Java, from which 95 per cent. of the world's quinine came, we have had to find other treatments and synthetic products to take the place of this valuable drug. We are now manufacturing mepacrine on such a scale that dose for dose we and America are providing more than double the amount of quinine that ever came out of Java in a peak year.

Great advances have been made in new chemicals and drugs that are largely used by the forces at present, but will be available for the country and the world as a whole when hostilities cease.

## Penicillin

Though penicillin (Fleming pronounces it "penny-sil-in," with the accent on the "sil" —in the U.S.A. it is pronounced "pen-is-illin" with the accent on the "is"), and its young relative patulin cannot really be called products of war research, they have certainly been developed during the war period.

Penicillin was the name given by Professor Fleming of St. Mary's Hospital to the antibacterial substance produced from



the spores of the mould, *Penicillium notatum*. *Penicillium* has been known for a very long time, and some of the moulds have been used in country districts for generations in the form of ointment.

It was in 1929 that Fleming discovered the particular substance to which he gave the name penicillin, and realised that it had powerful antiseptic properties which acted on certain micro-organisms such as hæmolytic streptococci and the gonococcus. He was not able at that time to concentrate the preparation, and was working with it in a fluid medium. It was not until Professor Florey and his colleagues at Oxford revived the work on penicillin that it was realised how important this drug was going to be.

It is so powerful that it would inhibit sensitive organisms in dilutions of one in fifty millions to one in a hundred millions, and morphological effects on the streptococcus have been seen even when it was diluted to one in 250 millions. It might be considered to be an acid radical, as sodium and calcium salts can be produced. It is a definite chemical substance, but its synthesis has not yet been completed. Its action is bacteriostatic rather than bactericidal. It is not toxic so far as can be discovered. It is destroyed by boiling, and certain oxidising agents, such as hydrogen peroxide, and by certain heavy metal ions such as copper and lead. During its manufacture great care has to be taken, as there must be neither acids or alkalis in any vessel in which penicillin is handled. It is not inhibited by pus, which is of great importance in explaining how results have been obtained in purulent infections.

It is excreted rapidly in the urine and more slowly in saliva and bile, but there is no indication that it is excreted in pancreatic juice or tears. Absorption is rapid from muscle and subcutaneous tissue and from the small intestine. It cannot be given by the stomach because of the acid most stomachs contain, nor by the rectum on account of bacteria. It is administered intravenously, or directly on to surface wounds. It is measured in what are known as Oxford units, and the doses given vary from a few hundred units to two millions according to the type of case.

Professor Florey recently said in a lecture to the Royal Society that he had used it in the treatment of war casualties in North Africa, a report of which has appeared in the pharmaceutical Press.

With regard to its manufacture, the firms in this country which were working on it at

the request of the Directorate of Medical Supplies agreed to pool all their knowledge and information. The scientific work both at the Universities in the laboratories in different parts of the country, and laboratories of the manufacturers, Professor Fleming, Professor Florey, and everyone concerned, agreed to do the same.

### Penicillin Committee

A Penicillin Committee was set up to encourage production, and considerable success has already been achieved. At present, however, all that is available taken up by the Clinical Trials Committee and the research chemists for their use, and a certain amount is going to the Services, such as that which went to Professor Florey to North Africa. There is none for public consumption, and there is not likely to be any until the product is produced synthetically.

It should be remembered, however, that penicillin, like sulphanilamide, is not a "cure all."

You may be interested in a few facts to illustrate the tremendous demands which the Directorate is now making, and which are being met by the pharmaceutical industry. It is estimated that more than 1,500 million tablets, excluding hypodermic tablets, will have been purchased by the military for Service requirements. Most of these tablets are 5-gr. tablets, and it is estimated that placed end to end they would stretch from London to Sydney, via the Mediterranean, or to adopt another basis, the weight of these tablets is equal to 480 tons—the equivalent of the tonnage of bombs dropped on London in the heaviest raid yet.

It only remains to show that the pharmaceutical colleagues, as well as the technical colleagues, of the Directorate of Medical Supplies have pulled together as a team in such a way that not only has there been the least possible amount of friction with the various trades concerned, but supplies have been kept up in a way far superior to what happened during the 1914-18 war, but prices have been kept down. This has largely been due to the planned production, forethought, vision and energy of the Directorate of Medical Supplies.

---

**Clear Out**—Now is the time to clear out waste paper for repulping and turning into munitions. Your collection of waste paper may make all the difference in 1944.

# NATIONAL PHARMACEUTICAL UNION

TINGS of the Executives of the National Pharmaceutical Union and Chemists' Defence Association were held in London on September 23, Mr. T. Heseltine in the chair.

CHAIRMAN congratulated Mr. Tristram on his co-option as a member of the Council of the Pharmaceutical Society.

THE SECRETARY reported receipt of a letter from the secretary of the Proprietary Retail Trade Association acknowledging suggestions of the N.P.U. Executive for reorganisation of the P.A.T.A.

## Industrial Council

A report was received of a meeting of representatives of the employers' side of the proposed Joint Industrial Council for Retail Pharmacy, at the Ministry of Labour on October 29, and the proposals forwarded by the employers at this meeting were approved. It was resolved to offer the use of the N.P.U. council room for meetings of the proposed Council, and Messrs. Hearle, Heseltine, Mallinson, Tristram and Tristram should be appointed to represent the N.P.U.

A delegate conference held in London on October 29, and attended by Messrs. J. Tristram and H. Noble on behalf of the N.P.U., to initiate a Council of Retailers was reported on. Further support for the N.P.U. will depend on the constitution, which is to be prepared by a provisional committee.

## Ch Batteries

A report of a conference at the Board of Trade on the distribution of torch and cycle lamp batteries was received. The N.P.U. has been represented at the conference by Messrs. E. A. Brocklehurst and R. H. Kemp. It was stated that much larger quantities of second-class batteries would be available.

## National Pharmaceutical Service

THE SECRETARY reported the receipt of a letter from the deputy secretary of the Pharmaceutical Society, dated November 6, suggesting an early meeting of the Joint Committee on National Medical Service. The calling of this meeting was approved, and its deferment until the Government's proposals were available for consideration was recommended.

THE SECRETARY reported receipt of a letter from the Ministry of Health promising attention to a complaint from the Central H.I. Committee about shortages of kaolin and ephedrine. A letter

of thanks for the congratulations of the Executive was received from Mrs. Lloyd George on behalf of herself and her husband. A letter from the Ministry of Health stated that the Minister had decided that future expenses of district pharmaceutical war committees should not be a charge upon the funds of the district Pharmaceutical Committees, which should seek reimbursement through the Central Pharmaceutical War Committee.

A conference of leading trade organisations at the Board of Trade on November 12, called to decide what advice should be given to the President of the Board of Trade as to the future of the Location of Retail Businesses Order, was reported on. The secretary, who had attended on behalf of the N.P.U., said it appeared to be the intention of the Government to continue some control after the war with a system of priorities for ex-Service men, etc.

## War Funds

THE SECRETARY reported that two new claims had been notified since the previous meeting of the Executive. One had been completed by payment of £12, and £9 had so far been paid in the other case. A further £29 had been paid in respect of a claim in hand at the time of the previous meeting. No new claims on the War Distress Fund had been received, and subscriptions to this Fund totalled £24,834.

## Chemists' Defence Association

Settlements confirmed by the directors varied from payments of £220 to dispose of a claim arising out of the supply of eye-drops to a payment of £4 in respect of a damaged accumulator. A number of other settlements arose out of personal injuries to members of the public (one involving a payment of £60) and other third-party risks. The virtual disappearance of the cycling errand-boy claim as a feature of the monthly reports was noted, but the potentiality of heavy claims arising in this connexion was evidenced by a substantial claim in respect of personal injuries to three individuals when a taxi overturned in attempting to avoid an accident alleged to be due to the default of a member's errand boy. Three members were defended against Food and Drugs Act summonses, each case being dismissed on a warranty defence. Dismissal of a summons under the Lighting (Restrictions) Order was also secured.



## CHEMISTS' FRIENDS ASSOCIATION

A MEETING of the council of the Chemists' Friends Association was held in London on November 24, the president (Mr. J. D. Bohn) in the chair. The treasurer's report and statement of accounts for the month ended October 31 was received and approved.

### Manufacturers' Representation

THE SECRETARY reported that all C.F. manufacturers had been invited to submit nominations in writing for eight representatives on the council in 1944. The only nominations received had been in respect of the eight existing members, and a ballot would therefore be unnecessary.

### Scottish Matters

A request from the Scottish C.F. committee that a firm of Scottish chemists should be placed on the C.F. stop list was rejected because it was considered the grounds for this drastic action were insufficient. The council reconsidered applications that had been previously before them by two wholesale chemists in Scotland for acceptance as approved distributors by wholesale. About one it was resolved to make no amendment to the previous decision, but the secretary was instructed to make further inquiries from the other as to business done with retail chemists.

### Approval Sought

A London firm of sundriesmen, which had previously applied for approval without success, asked for reconsideration of its former application; the council confirmed its previous decision. A C.F. wholesaler notified his intention to open a new branch warehouse in the near future, and sought permission to include this address in the approved list. The secretary was instructed to make further inquiries.

### Interim Report on Rules

THE CHAIRMAN submitted an interim report of the rules committee, and the secretary was instructed to thank British Colloids, Ltd., for assistance given in placing the advice of their solicitors at the disposal of the committee.

The council considered a proposal for a co-operative publicity scheme to be financed from a fund to be administered by the C.F. Association, and instructed the propaganda committee to examine the proposal in detail. Mr. Godding was co-opted to the committee for the purpose.

### Council's Report

The council considered matters arising out of the agenda of the eighth annual meeting of C.F. manufacturers (see below) which was to follow that meeting. The final copy of the annual report of the council for 1943 was received and approved. Twenty-seven applications for maintenance of supply of C.F. products to business temporarily converted into drug-stores were considered. Twenty-four were accepted, one refused, and two referred back.

### Manufacturers' Annual Meeting

The eighth annual meeting of Chemists' Friends manufacturers was held in London on November 24, the president of the C.F. Association (Mr. J. D. Bohn) in the chair. Sixty manufacturers were represented. THE CHAIRMAN presented the annual report of the council, and proposed its adoption; this was carried unanimously. Mr. MALLINSON, on behalf of the council, reviewed the circumstances, legal and otherwise, that had prevented the enforcement during the year of the C.F. window-display conditions approved by C.F. manufacturers at their previous annual meeting, and suggested that manufacturers present would be well advised to confirm their previous decision, and authorise the council to enforce the conditions if and when circumstances should permit. This suggestion was proposed, seconded, and carried with only two dissentients. THE CHAIRMAN gave an undertaking that the council would communicate with manufacturers before the window condition was enforced. The meeting considered a recommendation by the council that the Association should be registered as a trade union in accordance with the provisions of the Trade Union Acts. Mr. MALLINSON explained the legal position, and outlined the advantages that would accrue from such revision of the constitution and rules. It was proposed, seconded, and carried unanimously that the council should be authorised to make the necessary amendments and register the Association as a trade union. The following eight firms were formally re-elected to represent manufacturers on the council: Allen & Hanburys, Ltd.; British Colloids, Ltd.; The British Drug Houses, Ltd.; Evans Sons Lescher & Webb, Ltd.; Genatosan, Ltd.; Meggeson & Co., Ltd.; Parke, Davis & Co.; Westminster Laboratories, Ltd. A vote of thanks to Mr. Bohn was proposed by Mr. HEARLE and carried.

## TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency.

28 Essex Street, W.C.2, December 8

WHILE business at this time of year normally shows some signs of falling off, most reports agree that conditions in the London drug and chemical markets have been exceptionally quiet during the past week. In some instances the smallness of existing stocks makes business difficult, but even items in reasonable supply only moderate quantities of goods have changed hands. Prices on the whole are being firmly maintained, with fluctuations confined to small movements either way. Prices in the PHARMACEUTICAL CHEMICALS section have remained level throughout the week, another indication of the remarkable stability that has characterised this section of the markets during recent months.

### Crude Drugs

Generally quiet conditions obtain in these markets, with the demand mostly for smallish quantities of spot goods. Prices are firm, and in some cases show a slight tendency to rise. Limited supplies of AGAR still may be obtained by approved users for bacteriological purposes. No stocks of CAPE PEPPERS may be had at present. ARECA NUTS are now available on spot. BALSAMS are without quotable change on the week. GINSENG is selling steadily but in limited quantities. New allocations have been made for BUCHU LEAVES. Allocations have been made to regular buyers of CASCARA SAGRADA at the price previously announced (see *D.*, October 16, p. 396). Only CAMBASA CHILLIES are being offered. The market for SPICES is generally dull, with little business passing. Spot supplies of white COLOCYNTH PULP are still available. GUM ELEMI remains exceedingly scarce. Kordofan GUM ACACIA is cheaper in an inactive market. The position of EUCALYPTUS remains as previously outlined. Little business is being done in ETHANOL at the controlled prices. RHUBARB is in fair demand at unchanged rates. Quiet conditions are noted for SEEDS, and the market generally dull. All grades of FRAGACANTH are steady at the prices of last week. VALERIAN ROOT has a slight higher tendency. CARNAUBA WAX is quiet, with market conditions showing some improvement.

### Essential Oils

Little of importance has occurred in this section during the week. Modest sales continue to be transacted in those "free" oils that remain in stock, but the range and quantities are rapidly diminishing in the absence of fresh supplies. No new information has come to hand regarding "controlled" oils, prices of which are unchanged. ANISE (STAR) is reported to be firm and in good demand, with the price asked by holders tending higher. English distillers of CLOVE are quoting at unchanged rates. EUCALYPTUS is not plentiful, but prices are without alteration. PEPPERMINT is quiet, with available supplies of "free" oil commanding a high price. As noted last week, there is no change in OILS AND FATS for the period ending January 1, 1944.

### Pharmaceutical Chemicals

ACETANILIDE.—Crystals may be had at 2s. 5d. per lb., and powder at 2s. 6d.

ALLOBARBITONE.—Steady at makers' price of 60s. per lb.

AMPHETAMINE.—Makers' quotations are unchanged at about 150s. per lb.

BORAX.—Makers' quote as follows: B.P., granulated, £39 10s. per ton; crystal, £40 10s.; powder, £41, packed in one-cwt. bags; carriage paid in Great Britain, in one-ton lots and upwards. Commercial quality, £8 per ton less.

BRUCINE.—Quoted by makers at the following prices per oz.: ALKALOID.—Under 25 oz., 1s. 4½d.; 25 oz. and under 100 oz., 1s. 4d.; 100 oz. and under 500 oz., 1s. 3½d. NITRATE and SULPHATE.—Under 25 oz., 1s. 3½d.; 25 oz. and under 100 oz., 1s. 3d.; 100 oz. and under 500 oz., 1s. 2½d.

CITRATES.—Makers' prices per lb. for POTASSIUM, in lots of 28 lb.—1 cwt., are as follows (containers in brackets): 3s. 2½d. (1-lb.); 3s. 1d. (4-lb.); 3s. (7-lb.); 2s. 11½d. (14-lb.); 2s. 11d. (28-lb.). IRON and AMMONIUM (SCALES), B.P., is at 3d. per lb. above, and SODIUM is at 1d. per lb. below these prices.

COCAINE.—British makers' current wholesale prices are as follows: HYDROCHLORIDE and NITRATE, 25 oz. and over, 35s. 8d.; 16 oz. and less than 25 oz., 36s. 10d.; over 8 oz. and less than 16 oz., 38s. per oz. ALKALOID, CITRATE and SALICYLATE, 25 oz. and over, 39s. 1d.; 16 oz. and less than 25 oz., 40s. 4d.; over 8 oz. and less than 16 oz., 41s. 7d. per oz., 16-oz. packages free, smaller packing extra. The scale of prices applicable to distributors of smaller quantities is as follows: HYDROCHLORIDE and NITRATE, 8 oz., 40s.; 4 oz. and less than 7 oz.,



40s. 7d.; 2 oz. and less than 4 oz., 41s. 6d.; 1 oz. and less than 2 oz., 42s. 7d.;  $\frac{1}{2}$  oz. and less than 1 oz., 44s. 2d.;  $\frac{1}{4}$  oz. and less than  $\frac{1}{2}$  oz., 47s. 3d. per oz. ALKALOID, CITRATE and SALICYLATE, 8 oz., 43s. 5d.; 4 oz. and less than 8 oz., 44s.; 2 oz. and less than 4 oz., 44s. 1rd.; 1 oz. and less than 2 oz., 46s. 2d.;  $\frac{1}{2}$  oz. and less than 1 oz., 47s. 9d.;  $\frac{1}{4}$  oz. and less than  $\frac{1}{2}$  oz., 50s. 10d. per oz., packages extra. Re-sale: Sales are subject to buyers' undertaking not to re-sell any quantity below current scale. Export prices vary according to destination.

CREAM OF TARTAR.—British makers quote at 262s. per cwt., less 2½ per cent. discount.

MORPHINE.—Current prices per oz. for small quantities are as follows: ALKALOID,  $\frac{1}{2}$  oz., 53s.; 1 oz., 50s. 6d.; 2 oz., 49s.; 3 oz., 48s. 3d.; 4 oz., 48s. HYDROCHLORIDE,  $\frac{1}{2}$  oz., 43s. 9d.; 1 oz., 41s. 3d.; 2 oz., 39s. 9d.; 3 oz., 39s.; 4 oz., 38s. 9d.

PHENOLPHTHALEIN.—Steady at makers' prices. Less than 7 lb., 4s. 6d. per lb.; 7 lb., 4s. 5d.; 14 lb., 4s. 4d.; 28 lb., 4s. 3d.; 1 cwt., 4s. 2d.

PILOCARPINE.—Quotations per oz. are as follows: BASE, 1 oz., 27s.; 4 oz., 21s. 3d.; 4 oz., 20s. 9d.; 25 oz., 20s. 3d.; NITRATE, 1 oz., 18s. 6d.; 4 oz., 18s.; 25 oz., 17s. 6d.

POTASSIUM PERMANGANATE.—Makers continue to quote B.P. quality at 1s. 10d. per lb.

## Crude Drugs

AGAR.—Approved users can obtain small supplies for bacteriological purposes at from 65s. to 75s. per lb.

ALOES.—Spot price of Curaçao remains at 470s. to 480s. per cwt.; shipment, 360s. to 370s., c.i.f. No supplies of Cape are available at present.

ANTIMONY.—English minimum 99 per cent. regulus is priced at £120 per ton, delivered, but supplies are reserved for essential purposes; 70 per cent. crude, for the home trade, £100 per ton, delivered.

ARECA NUTS.—Supplies are now available on spot at 110s. per cwt.

BALSAMS.—Limited supplies of softish *Tolu* may be obtained on spot at 15s. 6d. per lb.; *Canada* is steady at 10s. 6d.; *Peru*, 8s. 3d., duty paid: *Copaiba* is unobtainable.

BELLADONNA.—Spot quotations for Indian leaf and root are steady at 5s. 3d. to 5s. 6d., and 4s. to 4s. 6d., per lb., respectively, according to test.

BENZOIN.—Small but steady business in Sumatra block at £25 per cwt., on spot. Free "almonds," £35.

BUCHU LEAVES.—New allocations have now been granted.

CAMPHOR.—Approved buyers can obtain Chinese crude (93 per cent.) at 10s. per lb., and B.P. at 11s. 6d.

CARDAMOMS.—No change in any description. Aleppy greens, spot, 5s. 6d. per lb.; Aleppy seed, 6s. 6d.; split seed, 5s. 6d.

CASCARA SAGRADA.—Allocations have now been made at 260s. per cwt. for regular buyers.

CHAULMOOGRA.—*Hydnocarpus*, spot, tins in cases, 1s. 7d. per lb.; afloat, 1s. 3d. per lb., c.i.f.

CHILLIES.—The only variety offered is Mom basa, which may be had on spot at the unchanged price of 120s. per cwt.

CLOVES.—Spot quotation for Zanzibar remains at 1s. 5½d. per lb.; second quality, to arrive, 10d. per lb., c.i.f., sellers.

COCHINEAL.—Blacks may be had for medicinal use only at 4s. 6d. per lb.

COCOA BUTTER.—Maximum official price remains at 1s. 5½d. per lb., ex factory or warehouse, except for sales made under Ministry of Food licence.

COCONUT (DESICCATED).—The price fixed by Order remains at 49s. per cwt.

COLOCYNTH.—Fine white pulp may be had on spot at 3s. 3d. per lb., duty paid.

DIGITALIS LEAVES.—English-grown leaf is steady on spot at 2s. 6d. per lb.; Portuguese leaf, spot, 135s. per cwt.

DRAGON'S BLOOD.—The only variety available at present is dull Zanzibar drop, which may be obtained on spot at £21 per cwt.

ELEMI.—Supplies of No. 1 gum are difficult to find at present.

ERGOT.—Sound material is quoted on spot at 5s. 9d. per lb.; wormy, 5s. 6d.; shipmen 4s. 9d. per lb., c.i.f.

GALANGAL ROOT.—Quoted at 100s. per cwt. in bond Liverpool.

GINGER.—Exports of ginger from Sierra Leone to the United Kingdom in July amounted to 172,480 lb.

GUM ACACIA.—Market inactive. Kordofan cleaned sorts, easier on spot at 85s. per cwt. bleached, shipment, 140s., c.i.f. Talha, cleaned 50s. per cwt., landed terms.

HENBANE LEAVES.—Spot quotations for Indian leaves range between 200s. and 350s. per cwt., according to test. Russian leaves, to approved buyers, 3s. 6d. per lb.

IPECACUANHA.—No change in the position; primarily outlined. Current prices of *EXTRA IPECAC. LIQ.* are as follows: Winchester, B.P. 1932, under three, 32s. 6d. per lb.; three and under six, 32s.; six and under twelve, 31s. 6d. twelve and over, 31s.; B.P., 1914, under three 30s. 6d.; three and under six, 30s.; six and under twelve, 29s. 6d.; twelve and over, 29s. per lb.; all prices quoted are on a net basis.

JALAP.—Brazilian root testing 15 per cent. is quoted on spot at 117s. 6d. per cwt.

KAMALA.—Dealers would require 1s. 9d. per lb. for material testing about 5 per cent.

LIQUORICE ROOT.—Approved buyers can obtain Russian root for pharmaceutical purposes at 75s. per cwt.; cut Russian root, for not pharmaceutical purposes, 96s. 6d. per cwt.

MENTHOL.—Some small spot parcels may be available at 95s. per lb.

**MERCURY.**—Official spot quotations range from £68 10s. to £69 15s. per flask, according to conditions and quantity, with higher rates for smaller lots and redistilled grades.

**MYRRH.**—Spot supplies of good-quality Aden's may be had at £20 per cwt.

**NUX VOMICA.**—Steady and unchanged. Washed and garbled Cochinchina, spot, 42s. 6d. to 45s. per cwt., according to seller; shipment, 42s. c.i.f. Cocanada, spot, 37s. 6d. per cwt.; shipment, 32s. 6d., c.i.f.

**ORANGE PEEL.**—Spanish bitter quarters are quoted on spot at 45s. 3d. per lb.; good-quality uncut, 45s. 6d.

**PEPPERS.**—Maximum prices of whole, not asked over or cleaned, on sale to processors, are: 1s. 4d. per lb. for white, and 1s. per lb. for black, both duty paid.

**PIMENTO.**—Spot, 1s. 9d. per lb., sellers; shipment prices are not quoted.

The Jamaican pimento crop for 1943 is estimated at 300 to 30,000 bags, compared with 45,000 bags in preceding year.

**PODOPHYLLUM.**—Spot supplies are exhausted, and shipments are not forthcoming.

**PSYLLIUM SEED.**—Small spot supplies of Indian seed may be had from dealers at 1s. 3d. per lb.

**QUILLAIA BARK.**—Crushed or cut bark, spot, 45s. per cwt.; natural, 75s.; afloat, 65s., c.i.f. RHUBARB.—In fair demand at unchanged prices. Rough-round, spot, 8s. per lb.; flat, air-dried, rough-coat, 8s. 3d. Shensi pickings, 7s. 6d.

**SENNA.**—Alexandrian medium pods are at 40s. 9d. to 45s. per lb.; Tinnevely, manufacturing grade, 6d. to 7½d.; hand-picked, 10d. to 1s. 6d.; broken Alexandrian leaves, 1s. 3d. to 1s. 4d.; shavings, 1s. 2d.; Tinnevely No. 1, 9d. to 10½d.; No. 2, 7d. to 7½d.; No. 3, 5½d. to 6d.

**SQUILL.**—Portuguese bulb is quoted on spot at 80s. per cwt., and Indian at 72s. 6d.

**STRAMONIUM LEAVES.**—Quoted by dealers at 1s. 2d. per cwt., ex store.

**STROPHANTHUS.**—Spot price of Kombé 100 per lb., seed remains at 10s. to 10s. 6d. per lb., according to quantity.

**TRAGACANTH.**—Demand steady; values unchanged. The principal medium grades are quoted as follows: No. 1, white, £130 per cwt.; No. 2, white, £115; No. 3, white, £102; No. 4, white, £83; pale leaf, £65; amber leaf, £55; dark amber, £40; brown leaf, £30; red-and-brown leaf, £28; red leaf, from £22; hoggy, from £12 to £15.

**TURMERIC.**—Madras finger, sound-quality, 57s. 6d. per cwt.; wormy, 55s.

**VALERIAN ROOT.**—Indian root is selling slowly quoted at 100s. per cwt., ex store.

**WAXES.**—BEES'.—Obtainable only through Association of Merchant Distributors of India. CARNAUBA.—Rather better conditions obtain with prices a shade dearer. Fatty acid, spot, 42s.; chalky grey, 41s.; Primeira, 40s. per cwt.

## Essential and Expressed Oils

**ANISE (STAR).**—Firm and in some request. Price of any available spot supplies would be in the region of 80s. per lb.

**BAY.**—If available on spot would be worth approximately 12s. 6d. per lb.

**BOIS DE ROSE.**—Approximately 47s. per lb. would be the spot value, if available.

**CAJUPUT.**—Spot supplies are small; value about 15s. per lb.

**CINNAMON.**—Spot value of leaf oil would be in the region of 15s. 6d. per lb.

**CITRONELLA.**—Ceylon, spot, about 21s. 6d. per lb., Java, around 25s.

**CLOVE.**—No change in English distillers' price of 11s. 6d. to 12s. per lb. for genuine B.P. oil.

**COCONUT.**—Bulk supplies of refined deodorised are officially quoted at £49 per ton, and refined hardened deodorised at £53, both naked ex works.

**COTTONSEED.**—Bulk supplies are officially priced as follows: Refined edible, £57 per ton; refined deodorised, £58 per ton; both naked ex works.

**CROTON.**—Quoted at 9s. 6d. per lb.

**EUCALYPTUS.**—Oil containing 70 to 75 per cent. cineole would be worth about 5s. 9d. per lb., in drums; 80 to 85 per cent., approximately 6s.

**GERANIUM.**—Genuine North African, from 85s. to 90s. per lb., according to quantity.

**GINGER.**—English-distilled is quoted at around 90s. per lb.

**GINGERGRASS.**—Spot supplies are limited; price, about 22s. 6d. per lb.

**GROUNDNUT.**—Controlled prices for bulk supplies are as follows: Refined deodorised, £58 per ton; refined hardened deodorised, to 40°, £62; refined hardened deodorised, to 50° to 52°, £62; all naked ex works.

**LEMONGRASS.**—Present spot price of any available supplies would be in the region of 13s. 6d. per lb.

**NUTMEG.**—Oil from West Indian nutmegs is quoted on spot at about 42s. per lb.

**PALM.**—Official price of refined deodorised remains at £55 per ton and that of refined hardened deodorised at £58 per ton; both naked ex works.

**PALM KERNEL.**—Bulk supplies are officially priced as follows: Refined deodorised, £49 per ton; hardened refined deodorised, £53 per ton, both naked ex works.

**PATCHOULI.**—Any available spot supplies of good-quality oil would be worth about 72s. 6d. per lb.

**PEPPERMINT.**—Spot price of any available supplies of Chinese oil would be about 120s. per lb.

**PETITGRAIN.**—In small compass on spot; price, around 25s. per lb.



## CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

### Homœopathic Doses

SIR,—I feel indebted to Messrs. E. L. N. Nelson and D. W. Everitt for their replies (*C. & D.*, December 4, p. 582) to my letter about homœopathic doses of aconite. I would like them to know that, long years ago, it was my privilege for three years to be engaged in preparing, dispensing and retailing homœopathic products; this experience surely enables me to draw conclusions not of an irresponsible nature as suggested, and excludes the need for a "flying start." Certainly it is not my intention to "put my foot in it" (homœopathically) again. My straying from the fold is fortified by present-day ideas and results. Perhaps I should have signed myself "Excelsior," but I adhere to the pseudonym

ALLOPATH.

### Our New Secret Society

SIR,—Your recent and timely allusions to the undemocratic method adopted by the Council of the Pharmaceutical Society to secure advanced fees from the remaining heavily overworked pharmacists is to be very heartily commended. As you point out, the whole thing was "managed" at the last meeting of the Council *in camera*. But the unfortunate chemist is left to presume that it was unanimous. Is this another thing done "on the quiet," as so many other things have been done in the last ten years? It was quite obvious that such a move was contemplated in advance, and the decision coolly taken. Any observer looking through the columns of your valued weekly can see chemists advertising their pharmacies for sale, with chartered accountants' figures, on a return of 24-27½ per cent.; and this is what pharmacy is coming to—when boom wages are being paid to the lowest kind of labour. Reverse this last sentence, and the argument can still be made to hold good for the overworked panel chemist—the lowest possible wage for a highly responsible service. How, then, can the Council of the Society justify its act? Does the Council imagine that the declining numbers of private chemists are waxing so rich that they can afford an extra annuity? I have regularly contributed to the Society's various funds—so my letter is one of regret at the Council's undemocratic spirit.

Yours faithfully,

Chagford.

DEMOS.

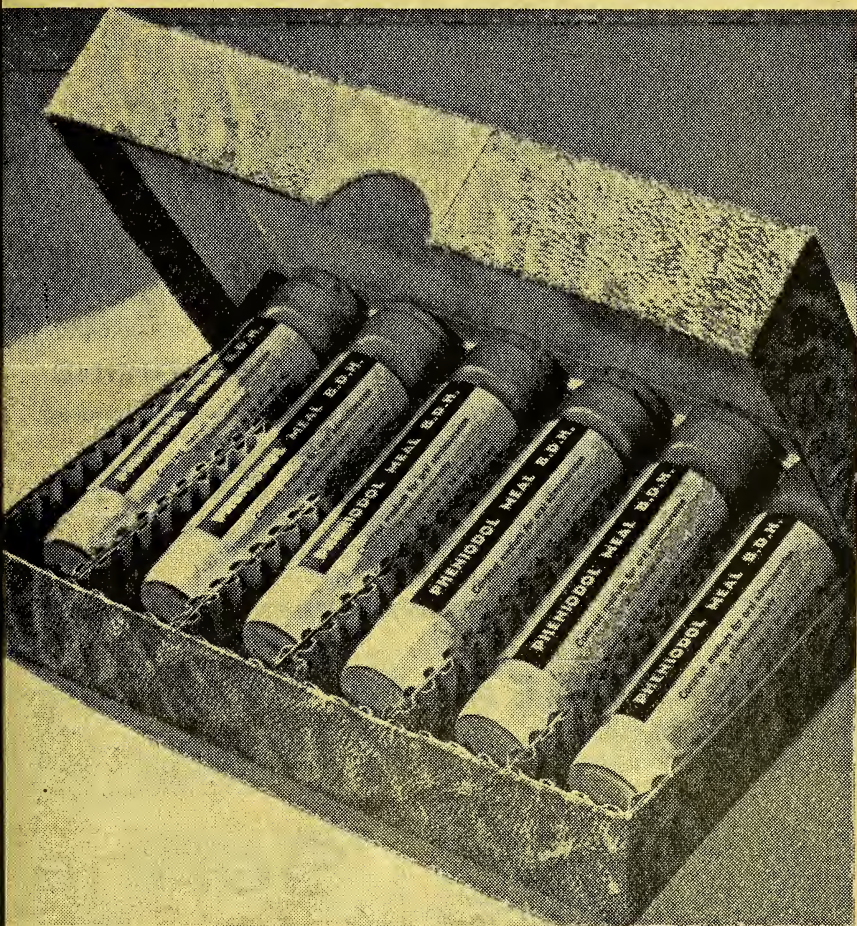
### Society and Central Committee

SIR,—*"Sylwiad"* in a letter in your issue (p. 582) asked what is the relations of the Central Pharmaceutical War Committee to the Pharmaceutical Society. The answer is that the Committee is appointed by the Council, but once appointed it independently as an advisory body to the Ministry of Health, and the Council has responsibility for its recommendations to the Ministry. *"Sylwiad"* further suggests that the letter recently sent to certain pharmacists amounts to "selling" the "lock, stock and barrel." This is a grave unjustified accusation against the retail subcommittee of the Central Committee which is engaged in a most difficult and distasteful public duty in seeking to have the available pharmaceutical manpower allotted by the responsible Ministries in the best interests of the civilian population. Two facts must be borne in mind. First, everyone to whom this letter has been sent is liable either to service in the Forces under the National Service Acts or to direct employment under the Registration for Employment Order, and if he does not desire to accept the proposals of the Committee can elect to be dealt with under the Acts or the Order on the same basis as others of his age. Secondly, every man receiving a direction to another post is entitled to appeal against the direction on grounds of hardship. It is regrettably true that some of those who move to other posts will be affected financially, but they are in this respect in precisely the same position as all others of the same age who may be recruited into the Forces or directed into new employment, and they have the facilities for financial adjustments which have been provided by Statute. The retail subcommittee of the C.P.W.C. includes among its members representatives of the Council of the Society, the chairman and secretary of the National Pharmaceutical Union, pharmacist members of the two trade unions, and representatives of the companies; its composition should guarantee that the advice tendered to the Government is founded upon a comprehensive understanding of the personal and pharmaceutical problems of the individuals affected.—Yours faithfully,

HUGH N. LINSTAD,

Secretary, Central Pharmaceutical War Committee

LONDON, W.C.1.



**Pheniodol B.D.H.** is a contrast medium for oral administration in cholecystography. It is also issued in the form of Pheniodol Meal B.D.H., with which a smooth and firm suspension in water can be readily prepared.

**EXEMPT FROM PURCHASE TAX**

**PHENIODOL B.D.H.** in bts. of 25 grm. Wholesale 16/8 each. Retail 25/- each.

**PHENIODOL MEAL B.D.H.** Tubes containing 6 grm. (one dose).

Box of 1 tube  
Wholesale 2/6 each. Retail 3/9 each.

Box of 6 tubes  
Wholesale 15/- each. Retail 22/6 each.

PHENIODOL B.D.H. is being advertised in the medical press and pharmacists are advised to be prepared for enquiries and orders.

**THE BRITISH DRUG HOUSES LTD. LONDON, N. 1**



# ALKALOIDS

FINE CHEMICALS & OPIUM DERIVATIVES

ALOIN • ATROPINE • BISMUTH SALTS • CAFFEINE •  
CANTHARIDIN • CAPSICIN • CHLOROFORM • CHRYSAROBIN •  
CODEINE • DIAMORPHINE • ERGOTIN • ESERINE •  
ETHYLMORPHINE • GINGERIN • JALAP RESIN •  
LEPTANDRIN • MORPHINE • OPIUM • PODOPHYLLIN RESIN •  
SALICIN • SANTONIN • SCAMMONY RESIN • STRYCHNINE  
AND OTHER PHARMACEUTICAL CHEMICALS AND PREPARATIONS.

**CHLORAL HYDRATE • EPHEDRINE**

*Goods covered by Dangerous Drugs Acts offered subject to all regulations*

## T. & H. SMITH LTD.

Blandfield Chemical Works, Edinburgh, 11  
32 Virginia Street, Glasgow, C1.

And at London

## GUM TRAGACANTH

DIRECT IMPORTERS  
FLAKE & B.P. POWDER  
ALWAYS IN STOCK

**N. S. DANGOOR, LTD., 37 GRACECHURCH ST., LONDON, E.C.3**

'Phone: MANSION HOUSE 4781

SAMPLES SENT ON REQUEST

## TRAGACANTH

**SPECIALISTS IN B.P. POWDER**

Also Technical and Industrial qualities. All Grades of Whole  
Flakes as imported. Samples and prices on request.

FREUDENTHEIL, SMITH & CO., 16 Philpot Lane,  
London, E.C.3. Tel. Address: 'Freudenruf' Tel.:  
MANSION House 1924 & 6600 Estd. 1826

## Senna

FROM OUR OWN GROWERS Alexandrian & Tinnevely  
Pods, Leaves, Siftings

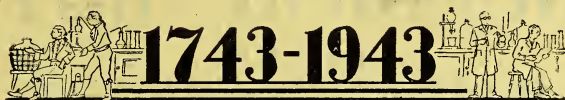
John Ronaldson & Co. Ltd., Telephone:  
15 Seething Lane, London, E.C.3 Royal 6860

Manufacturers of **TANNIC ACID** (Bulk Supplies  
Only)  
ALL QUALITIES

**THE BRITISH DYEWOOD COMPANY LTD.**  
19 St. VINCENT PLACE, GLASGOW, C.1

Telephone: CENTRAL 4425

Telegrams: DYEWOOD



LONG before photography was invented, in 1839, the Johnson laboratories were engaged in the assaying of precious metals. For a century Johnsons have been making fine chemicals for photographic use. Two hundred years of experience stand behind the name of

**JOHNSONS of HENDON**

**Graesser**  
**QUALITY**  
★

**PHENOL**  
**META-PARA CRESOLS**  
**ORTHO CRESOL**  
**CRESYLIC ACIDS**  
**XYLENOL MIXTURES**

All prepared and standardised under direct personal control backed by 40 years' experience

**N. H. GRAESSER**  
The Chemical Works, SANDYCROFT, Nr. Chester  
Grims, Graesser, Chester Phone: Howarden 3104-5

**BARBITONE**  
AND  
**BARBITONE**  
**SOLUBLE**

**FINEST QUALITY**

Actually manufactured at our own works at Barnet

**PIERSON, MORRELL & Co. Ltd.**  
THE ORIGINAL BRITISH ASPIRIN MAKERS  
**BARNET, Herts.**

Telegrams: Pierson Morrell Barnet  
Telephone: BARNET 0723



# CODOFORME BOTOL

## TABLETS

(Indicated in all types of dry cough)

Owing to circumstances beyond our control, we regret that CODOFORME BOTOL has been in short supply for the last eighteen months, but we are now pleased to advise you that this preparation

**IS AGAIN AVAILABLE  
IN PACKINGS OF 20 AND 250 TABLETS**

If any difficulty is experienced in obtaining supplies through the normal trade channels, you are invited to communicate with us.

**CONTINENTAL LABORATORIES LTD.**  
101 GREAT RUSSELL STREET, LONDON, W.C.1

Telephone: MUSEUM 2042/3

**GRAESSER SALICYLATES**  
**LIMITED**  
Manufacturers of Fine Chemicals  
**SANDYCROFT**  
CHESTER, ENGLAND

**SODIUM SALICYLATE**  
**B.P.**

*Subject to war limitations our  
services are available and  
at the disposal of consumers.*

**GUMS** **TRAGACANT**  
**AND ACACIA**  
As Imported or Finely Powdered  
**ALL GRADES**

FREDK. FINK & CO., 1 Fenchurch Street, London, E.C.  
Telephone: Mansion House 8119

**MARRSONA**

**YEAST FOR ANAEMIA**

**MIDGLEY & PARKINSON, LTD.**  
WARREN WORKS, PUDSEY, LEEDS

**L. LIGHT & Co. Ltd.**  
**WRAYSBURY, BUCKS.**

*Manufacturers of:—*

**DEHYDROCHOLIC ACID**

£20 per kg.

**SODIUM DESOXYCHOLATE**

£35 per kg.

**STILBOESTROL**

£250 per kg.

Plus 10% for less than 1-kg. lots

WHERE QUALITY  
IS AN ESSENTIAL

use

# STURGE

## CITRIC ACID

A biological product  
for use in the manufacture of  
first-grade Medicines,  
Foods and Drinks

---

**JOHN & E. STURGE LTD.**

**1 WHEELLEYS ROAD, BIRMINGHAM, 15**

*Manufacturers of fine chemicals since 1823*



Who said  
you can't  
get  
**CURICONES?**



Make a note of this now. You CAN get "Curicones." So there is no need to disappoint your customers—or lose money yourself. It is true, of course, that only two sizes are now available, the 5/- size, and the large 24/- size. Your Wholesaler should have both sizes in stock. Delay may occur in delivery, so don't wait until you run out of "Curicones" before re-ordering. Staff shortage is now everybody's problem—and that includes your Wholesaler. He may not be able to attend to your orders so promptly as hitherto but he CAN supply you with "Curicones."

# CURICONES

—the remedy for Rheumatism and kindred troubles.

*are still obtainable*

Small  
size

5/-

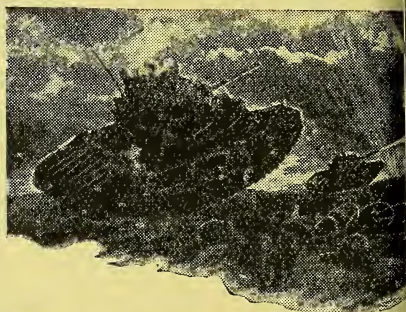
Remember, "Curicones" is a P.A.T.A. line showing 33½ per cent. profit, nationally advertised and recommended by the medical profession.

Large  
size

24/-

*From your Wholesaler*

Stephen Matthews & Co., Ltd., 19-21 Farringdon St., E.C.4



## Armoured . .



The Battalions of to-day fight behind defensive armour. The armour car has replaced the cavalry horse as infantry advance under the protection of massed tank formations.

Medical research, too, has provided defensive armour for the medical profession. The prevention of disease by protective measures against the invisible but numberless and ubiquitous foe—the disease germs—

increasingly lowering the general morbidity and mortality.

Decongestion of the turgid nasal mucosa in acute and chronic rhinitis, hay-fever, and sinusitis is rapidly effected by use of the Karsodrine Inhaler. Maximum shrinkage with corresponding symptomatic relief obtained within five minutes. The powerful volatile vaso-constrictor in the Inhaler penetrates to the uttermost recesses of the nasal cavity and sinuses, securing optimal drainage and aeration. With only one capsule to remove, the Karsodrine Inhaler is pre-eminent in simplicity of use.

Retail Price 1/6 (Inc. Tax)



**FORMULA:** Amphetamine, 0.330 grm.; Cineole, 0.093 grm.; Ol. Citronell, 0.026 grm.; Methyl Salicyl, 0.023 grm.; Ol. Cedri, 0.005 grm.; Menthol, 0.049 grm.; Ol. Eucalypt, 0.089 grm.

Apart from its assured efficacy the Karsodrine Inhaler is an excellent financial proposition. The Retail Price is 1/6d. (incl. tax) which yields 5/2d. per dozen profit. It applies equally to small quantities if ordered with other "Griffiths Hughes" products.

**E. GRIFFITHS HUGHES LIMITED**



**ADELPHI, SALFORD  
MANCHESTER**

**A PRODUCT OF E. G. LABORATORIES**

**'AVLON'***brand of***PHEMITONE B.P.**

Phemitone is a barbiturate and has been recommended for the control of the incidence of epileptic fits. It has an advantage over other barbiturates as it is less likely to produce drowsiness and sleep.

As Phemitone has antispasmodic properties it has been suggested for administration in migraine and whooping cough.

Further information will be forwarded on request.

**PACKINGS**

Phemitone tablets are available in two strengths:—

$\frac{1}{2}$  grain tablets in tubes of 10 and bottles of 100 and 500.

3 grain tablets in tubes of 30 and bottles of 100 and 500.

Obtainable through your usual suppliers.



*A Product of*

**IMPERIAL CHEMICAL [PHARMACEUTICALS] LTD**

Commercial Department: 89 OXFORD STREET, MANCHESTER, 1



## GABAIL PRODUCTS

**ELIXIR GABAIL**

The ideal sedative in all nervous affections

	Retail, including Purchase Tax	Wholesale per dozen	Purchase Tax
Bottle of 187 c.c. . . .	5/-	39/-	6/6
„ 16 oz. . . .	9/6	72/-	12/-

**SYRUP PERTUSSIS (Gabail)**

An effective medicament for the paroxysms of Whooping Cough

	Retail, including Purchase Tax	Wholesale per dozen	Purchase Tax
Bottle of 4 oz. . . .	3/-	24/-	4/-
„ 16 oz. . . .	9/6	72/-	12/-

Manufactured by The Gabail Laboratories Ltd. (Gabail Ltd.), London, W.C.1

Ample supplies available through your usual wholesaler or from

**THE ANGLO-FRENCH DRUG CO., LTD.**

11-12 Guilford Street, LONDON, W.C.1

**DE WITT'S PILLS**

Withdrawal of 1/3 Size

The 1/3 size De Witt's Kidney and Bladder Pills is withdrawn from December 31st, 1943. Thereafter only two sizes will be packed.

PRICE (P.A.T.A.)	Tax per doz.	Consumers' Price
3/- (50 pills)	4/7	3/5
5/- (100 pills)	7/8	5/8

See P.A.T.A. 1944 Year Book.

**1944 QUOTA**

A fair deal for all alike

For 1944 we offer you a number of pills equal to your total 1941 direct purchase, but packed in the two sizes only.

**E. C. DE WITT & Co., Ltd.**

★ CHEMISTS!...  
A "MUST-BUY"  
LINE!



PRICE 6d INCLUDING TAX

**Embex TABLETS**

Embex is recommended for treating Colds, Chills, and Nerve Pains. It is well advertised in the National and Provincial Press. Ask your Wholesaler or write direct for Price List and Sample to: C. J. TAYLORS EMBEX, LTD., CARLISLE

C. J. TAYLORS

**Embex**

PREPARED UNDER ANALYTICAL CONTROL

**PAIN RELIEVING TABLETS**

# THE CRISIS IN A WOMAN'S LIFE"

(8th Edition)



*Chemists holding a stock of Menopax Booklets NOT bearing the price 3d. on the cover are still permitted to distribute them free to the public.*

**Supplies of this sales-creating booklet are still FREE TO CHEMISTS who stock MENOPAX, but under Statutory made and Order (1942), No. 1817, a charge must be made to the public. Price: 3d. per copy.**

We regret that owing to paper restrictions free distribution of "The Crisis in a Woman's Life" **TO THE PUBLIC** is no longer possible, and chemists who stock Menopax must therefore make a charge (3d. per copy) to those who ask for it. (This price is clearly marked on the cover.)

"The Crisis in a Woman's Life" (now in its 8th edition) has always been of the greatest possible value in promoting Menopax sales, and we feel it is still the most informative book ever published dealing with the symptoms of the Menopause. When placing their monthly orders for Menopax with the sole distributors—Scott & Bowne, Ltd., Wexham Springs, Stoke Poges, Slough, Bucks,—chemists should state number of booklets they require.

**Manufacturers: CLINICAL PRODUCTS LTD., 2 The Green, RICHMOND, Surrey**

# MENOPAX

*for Women of Middle-age*



# 'ASPRO'

## FIXED PRICES

5 TABLETS (One tape)	10 TABLETS (Two tapes)	27 TABLETS (In packets)
<b>3<sup>1</sup>/<sub>2</sub><sup>D</sup></b>	<b>6<sup>1</sup>/<sub>2</sub><sup>D</sup></b>	<b>1'3<sup>1</sup>/<sub>2</sub><sup>D</sup></b>

### AN IMPORTANT NOTICE TO RETAILERS

The recognised P.A.T.A. prices of 'ASPRO' approved by the Central Price Regulation Committee, which must not be exceeded under the Price Control Regulations, are shown above. We have already explained to chemists that **Government restrictions on packing materials make it impossible for us to continue to supply packets of 10 tablets.** We have, therefore, had to standardise the loose tape pack retailing at ONE TAPE 3<sup>1</sup>/<sub>2</sub>d, TWO TAPES 6<sup>1</sup>/<sub>2</sub>d. Unfortunately a number of cases have recently come to our notice where, probably owing to inexperienced staff, customers have been charged 7d. for two tapes. We must, therefore, point out that the price at which this pack is sold to the chemist provides HIS FULL PERMITTED RATE OF PROFIT when he sells at two tapes for 6<sup>1</sup>/<sub>2</sub>d.

### 7d. FOR TWO TAPES IS AN OVERCHARGE

We emphasise this point to save inconvenience to trade and public.

**ASPRO LIMITED**  
SLOUGH · BUCKS



### "ONE OF OUR SPECIALITIES"

## Losalls THERMAL LINIMENT



A  
Warm and  
Stimulating  
Liniment.

Retail Price:

**1/9**

Wholesale:

**11/6 doz.**

+ 1/11 tax

**LOFTHOUSE & SALTMER Ltd., HULL**

### A CHEMIST SAYS . . .

There is no  
remedy to  
equal it!



and am delighted to recommend  
Dr. Singha Tablets to my Asthma-  
suffering customers.

PRICES:

**1/6, 5/-, 12/-, 20/-**

(exclusive of purchase tax)

**THE DR. SINGHA CO., LTD.**  
CAERNARVON, NORTH WALES

# DR SINGHA

## ASTHMA TABLETS

# *Cardiovascular Stimulant*

## **CORVOTONE**

### **NIKETHAMIDE B.P.**

Corvotone is a 25 per cent. solution of Nikethamide B.P. for administration by mouth or parentally. It is one of the most potent analeptics with an action on the heart mainly through the nervous system.

The average dosage is from 1 to 2 c.c. in water by mouth, or 1 to 4 c.c. or more by injection.

Supplied in 2 c.c. and 5 c.c. ampoules, and for oral administration in bottles of  $\frac{1}{2}$  fl. oz. and 100 c.c.

*Available on trade terms through your usual wholesaler, or direct from the*

**WHOLESALE & EXPORT DEPARTMENT**



**BOOTS PURE DRUG COMPANY LIMITED NOTTINGHAM**

B926-783

# *A Greatly Improved Parmint Cough Syrup*

The new improved formula of the ready mixed Parmint Cough Syrup makes it remarkable value for money.

The adult dosage is now only 1-2 teaspoons, so the  $\frac{1}{5}$  bottle contains nearly twice as many doses.

All our press advertisements now mention the retail price of both the ready mixed Parmint Syrup ( $\frac{1}{5}$ ), and the good old Parmint Concentrated Essences ( $\frac{3}{1\frac{1}{2}}$ ).

Make sure you have a stock of both.



and **PATA**

**INTERNATIONAL LABORATORIES, CHARLBURY, OXFORD**





# CHRISTMAS IS COMING . . .

but there will be  
little or no break  
for the retail Chemist

Few, if any perfumes, no more artistic Presentation Sets, and not even a new hot water bottle in a nice cover for Grandma!

However, you have drugs and packed goods to keep the cash till ringing merrily, and the knowledge that winning the War requires many forms of Active Service, overseas and at home. Continue your good work—brighter days are ahead, and don't forget the public will always want to see the Chemist round the corner.



**MARTIN DANIELS**

UNITED DRUG COMPANY LTD., NOTTINGHAM

*A useful Lotion entirely  
free from grease*

## 'Eclipsol' Hair Cleanser



**DESTROYS PARASITES, etc.**

A Good Seller at

1/1½ 4 oz. and 2/3 8 oz.

Price 9/4 and 18/8 per doz. inc. Tax

Carriage Paid on 4 doz.

8 oz. or equivalent for cash  
with order

**C. A. STOKES & CO. LTD  
BRISTOL. I.**

*This is to introduce  
to you -*  
**VOLA SELTZER  
GRANULES** (NOT  
POWDER)



A perfectly balanced product,  
dissolves and effervesces in a  
flash, producing a CLEAR and  
SPARKLING SOLUTION.

2/3d. incl. tax.

RECOMMENDED IN ALL CASES FOR  
HEADACHE, FATIGUE, ALL DIGESTIVE  
TROUBLES, and MORNING SICKNESS  
IN PREGNANCY.

Order from your usual Wholesaler or direct  
from Distributing Agents—

**JOHNSON AGENCIES (PTY) LTD.**  
Clarendon Works, Clarendon Rd., Croydon



# Substantial Price Reductions

Roche Products Ltd. have pleasure in announcing the following reductions in the prices of 'Prostigmin' Tablets.

## 'PROSTIGMIN' PARASYMPATHETIC STIMULANT

Reduced prices came into force to wholesalers on the 15th November, retailers on the 29th November, hospitals on the 1st December, whilst the new retail prices will be charged to the general public and the medical profession on the 3rd January, 1944.

New Retail prices in the United Kingdom on and after 3rd January, 1944.

'PROSTIGMIN'	Packings	20	100	250
Tablets, 15 mg.	Retail -	6/8d.	30/-.	68/-.
No Purchase Tax.				

Previous prices : 20's 8/- : - 100's 37/- ; - 250's 76/-.

Manufacturers :

CHE. PRODUCTS LIMITED, Welwyn Garden City, Herts.



**INTERNATIONAL CHEM. CO. LD.****REVISED CONTENTS OF STANDARD PARCELS**

OWING to shortage of labour and packing materials (and in order to comply with the Government's demand for utmost economy), we have been compelled to restrict the direct supply of our four main products to pre-packed parcels only. To meet the requests of a number of our customers, we have recently revised our original parcels to the contents shown below. Retailers requiring assortments other than these can obtain from their Wholesalers.

The minimum for a direct order remains at £5, which can be made up by parcel 'A'; or by any two of parcels 'B' to 'O'; or by any one of 'B' to 'O' plus a selection of our other preparations, such as Alkia Saltrates, Bisuroids, Nemakol and Nemolin. Toilet lines may also be included to the value of your quota.

Co-operation allowances: On orders of £5.....7½% £10.....10%

<b>A</b> 1 doz. 1/5 Bismag Powder ... 12 0 ½ " 2/10 " " ... 12 0 2 " 1/5 " " Tablets ... 1 4 0 1 " 2/10 " " " ... 1 4 0 1 " 1/9 Pineate Honey Cough-Syrup ... 13 9 1 " 2/3 Limestone Phosphate ... 18 0 1 " 1/5 Freezone Corn Remover ... 11 3 £5 15 0 Purchase Tax on all goods and on bonus ... 1 1 1 <u>£6 16 1</u>	<b>F</b> 1 doz. 2/10 Bismag Powder ... 1 4 0 1½ " 2/10 " " Tablets ... 1 16 0 £3 0 0 Purchase Tax on above and on bonus ... 11 8 <u>£3 11 8</u>
<b>B</b> 3 doz. 1/5 Bismag Powder ... 1 16 0 1 " 2/10 " " ... 1 4 0 £3 0 0 Purchase Tax on above and on bonus ... 11 8 <u>£3 11 8</u>	<b>H</b> 1½ doz. 1/5 Bismag Powder ... 18 0 3 " 1/5 " " Tablets ... 1 16 0 £2 14 0 Purchase Tax on above and on bonus ... 10 6 <u>£3 4 6</u>
<b>C</b> 3 doz. 1/5 Bismag Tablets ... 1 16 0 1 " 2/10 " " ... 1 4 0 £3 0 0 Purchase Tax on above and on bonus ... 11 8 <u>£3 11 8</u>	<b>J</b> 2 doz. 1/5 Freezone Corn Remover ... 1 2 6 1 " 2/3 Limestone Phosphate ... 18 0 1 " 1/9 Pineate Honey Cough-Syrup ... 13 9 £2 14 3 Purchase Tax ... 9 0 <u>£3 3 3</u>
<b>D</b> 1 doz. 1/5 Bismag Powder ... 12 0 2 " 1/5 " " Tablets ... 1 4 0 1 " 2/10 " " " ... 1 4 0 £3 0 0 Purchase Tax on above and on bonus ... 11 8 <u>£3 11 8</u>	<b>K</b> 4 doz. 1/9 Pineate Honey Cough-Syrup ... 2 15 0 Purchase Tax ... 9 2 <u>£3 4 2</u>
<b>E</b> 1 doz. 1/5 Bismag Powder ... 12 0 ½ " 2/10 " " ... 12 0 2 " 1/5 " " Tablets ... 1 4 0 ½ " 2/10 " " " ... 12 0 £3 0 0 Purchase Tax on above and on bonus ... 11 8 <u>£3 11 8</u>	<b>L</b> 6 doz. 1/5 Freezone Corn Remover ... 3 7 6 Purchase Tax ... 11 3 <u>£3 18 9</u>
<b>E</b> 1 doz. 1/5 Bismag Powder ... 12 0 ½ " 2/10 " " ... 12 0 2 " 1/5 " " Tablets ... 1 4 0 ½ " 2/10 " " " ... 12 0 £3 0 0 Purchase Tax on above and on bonus ... 11 8 <u>£3 11 8</u>	<b>N</b> 2 doz. 1/5 Freezone Corn Remover ... 1 2 6 2 " 1/9 Pineate Honey Cough-Syrup ... 1 7 6 £2 10 0 Purchase Tax ... 8 4 <u>£2 18 4</u>
<b>E</b> 1 doz. 1/5 Bismag Powder ... 12 0 ½ " 2/10 " " ... 12 0 2 " 1/5 " " Tablets ... 1 4 0 ½ " 2/10 " " " ... 12 0 £3 0 0 Purchase Tax on above and on bonus ... 11 8 <u>£3 11 8</u>	<b>O</b> 3 doz. 2/3 Limestone Phosphate ... 2 14 0 Purchase Tax ... 9 0 <u>£3 3 0</u>

Above consumer prices include Purchase Tax

**BONUS TERMS:** 14 to the dozen on 'Bisurated,' Magnesia Powder and Tablets in return for fourteen days' window display. 'Bisurated' Magnesia Powder—Bonus in Mint Powder. 'Bisurated' Magnesia Tablets—Bonus in Tablets.

**PATA**

All goods sent Carriage Paid in returnable boxes

**CLIFTON HOUSE, EUSTON ROAD, LONDON, N.W.1**



# The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

DECEMBER 11  
1943

28, ESSEX STREET, LONDON, W.C.2

Supplement Advertisements must be prepaid and should reach us not later than FIRST POST WEDNESDAY week of issue. Box Office numbers 1/- extra. Late advertisements will be held over to following week.

## STOCKTAKING VALUATIONS BUSINESSES For Sale and Required

ERNEST J. GEORGE & Co.

29 High Holborn,  
London, W.C.1.  
Hol. 7406/7

35 Bridge Street,  
Walsall, Nr. Birmingham  
Walsall 5948

Watches in Wallets, 12/- and 15/- doz.; Finger Stalls (other), 4/6 doz.; Hair Nets, 28/- gr.; Hairpins, 12/6 doz.; Combs, 9/6 and 11/6 gr.; Slides, 30/- gr.; Assorted Picture Calendars, 1944, 30/- gr.; Leather Strap Straps, 9/- doz.; 2.5v. Flashlamp Bulbs, 14/8 per doz.; Torches complete, 28/- doz., Tax incl. Stamp for sale available. Harringtons (London Office), 2 Berridge Lane, Edgware, Middlesex. Tel.: EDG. 3610.

### Our Lipstick Cases Will Sell Your Refills

Three-piece Push-up Containers to take 11 mm. refills 40/- per gross. Sample dozen 4/6.  
Two-piece Containers 36/- per gross. Sample dozen 3/6. Wholesale Inquiries Invited.

HUNTER, GARNETT & CO., LTD.  
Glenside Road, Shipley, Yorks.

## FOR SALE

1/2 oz., 1 oz., 2 oz. Squat Amber Jars. 4 oz. Panels. Rouge Tins and Toilet Bottles. Sold in large or small quantities.

17 Bowness Road, Catford, S.E.6

10 gross Lipstick Cases, push up, £14 8s. gross, or £13 16s. gross for minimum of 5 gross. Sample 2/6. Another type £9 12s. gross or £9 gross for 5 gross. Sample 2/-.

Marlyn, 5 Westbourne Street, W.2

## AMPOULE FILLING

Manufacturing Chemists with MODERN EQUIPMENT seek additional ampoule filling. Competitive prices, excellent service, satisfaction.

449/532, London Office of this Paper.

### BONUS PARCELS OF GUARANTEED PRODUCTS

Available December and January only.  
28 dozen 3d. "Happy" Dyes (one dozen each colour), shade card and window bills, for 50s. Retailing at £4 4s.—profit £1 14s.  
18 dozen 6d. Creighton Cold Water Dyes (one dozen each colour) for 67s. 6d. Retailing at £5 8s.—profit £2 0s. 6d. Carriage paid.  
New accounts C.O.D. or C.W.O. This offer is not applicable to Eire and Northern Ireland.  
We are making the above offers to enable you to stock up now for the coming season. The additional profit shown makes this an excellent proposition. Our usual generous Wholesale terms are applicable on these offers.  
JOHN PRENTICE (London) LTD., 3 The Exchange, Muswell Hill, N.10. Telephone: Tudor 2174

## OPTICAL TUITION

FOR THE

S.M.C., B.O.A., and N.A.O. DIPLOMA Examinations  
Particulars:—

C. A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O.,  
F.I.O., F.C.O., M.P.S.  
50 HIGH STREET, BARNET, LONDON, N.

Tablet Manufacturers are in a position to accept further contracts for the tableting of Saccharin, good delivery at competitive price.

CDB/226, London Office of this Paper,

2-Drachm White Glass Fancy Bottle, cork mouth, supplied with cork stopper crowned with black metal. 28/6 per gross. Carr. paid. 1/- per gross for cartons returnable. H. S. Bottle Co., 29 Sherwood Hall, East End Road, London, N.2.

Manufacturing Chemists disposing of very substantial funds and having satisfactory E.P.T. standard, would be interested in participating or purchasing established business (Manufacturing or Distributing) dealing in items of interest to Chemists, Doctors, Dentists or Hospitals. Advertisers are manufacturers of medical and dental products of repute. References are at the disposal of interested parties. Replies will be treated in strictest confidence. Write "Pharmaceutical," c/o Messrs. Weeks, Hillyard & Co., 22 Basinghall Street, London, E.C.2.



Manufacturers of Insect Powder require firm with facilities for Powder Filling, to pack on Contract up to 50 gross weekly, or less. All materials supplied. 449:538, London Office of this Paper.

## FLOOR & FURNITURE POLISH, SHOE CREAM, STARCHING POWDER, HOUSEHOLD DYES, BLUES

Enquiries to:

### CARMEL EXPORTERS & IMPORTERS LTD.

15 SEETHING LANE, LONDON, E.C.3

## EDUCATIONAL

### OPTICAL TUITION

For the Diploma Examinations. Particulars: The Dublin College of Optics, 2 Lower O'Connell Street, Dublin.

## SITUATIONS OPEN

7/6 for 40 words or less, 2d. for every additional word.

### Employment of Women (Control of Engagements Order 1942)

With certain exceptions, women over 18 and under 41 years of age seeking Employment and Employers seeking to engage such women are now required to do so only through the local office of the Ministry of Labour and National Service or an approved employment agency.

### RETAIL (HOME)

**A**N unqualified Assistant required at an early date. Must be quick and accurate dispenser. State age and experience. Interview necessary. Allen & Lloyd, Ltd., 31 Wellington Street, Aldershot. Phone: Aldershot 420.

**A**N unqualified Assistant required for private business in the West of London. Thorough knowledge of Dispensing and capable of dealing with busy counter trade. Good salary. Commence immediately. 551/596, London Office of this Paper.

**B**IRMINGHAM, Senior Assistant, qualified or unqualified, male or female, for Dispensing and Counter. Good salary, exempt preferred. Apply giving full particulars, age, salary required, etc., to A. Robinson, Ltd., 1502 Coventry Road, South Yardley, Birmingham, 25.

**D**ISPENSER required to help doctor on four (or five) evenings a week in Bermondsey, 1½ miles from London Bridge, commencing 6.30. Apply Dr. Gillison, 133 Lower Road, S.E.16, giving particulars of age and experience.

**F**ULLY Qualified Dispenser required for Dispensary in Nottingham, view to permanency. Full-time post. State age, salary required, and when available. 552/641, London Office of this Paper.

**M**ANAGER required for Cash Business at Caterham-on-the Hill, Surrey; living accommodation; permanency offered, salary and commission. Apply giving particulars, references and salary required and when free to H. Hocken, Ltd., 33 Station Road, Redhill, Surrey.

**N**EALE & JENKINS, LTD., Dispensing Chemists, 18 Medway Parade, Perivale, Middlesex, require the services of a lady or gentleman Assistant. Applicant should be capable dispenser and have a good all-round experience. Salary according to capabilities. No Sunday or half-day duty. Please reply with full details by letter or telephone appointment.

**O**RRIDGE & CO., Employment Agency, Colum House, Aldwych, W.C.2, invite inquiries from all employers seeking qualified Staff, especially London and Southern Counties, excluding women between the ages of 18 and 41. Terms on application. **P**HARMACIST (either sex) required; an Optician qualification an advantage; exempt military service and Control of Engagements Order, 1942, no Sunday or half-day holiday duties. Full particulars to General Manager, Co-operative Society, Ltd., 123 East Street, Sittingbourne.

**Q**UALIFIED Manager required for Branch Shop, Middle class. Duty to commence as soon as possible. Apply with full details stating experience and salary required to Messrs. H. E. Neal & Co., Accountants, Allen House, Newarke Street, Leicester.

**Q**UALIFIED Assistant wanted to live over shop, nice house rent and rates free. Permanency. Must be good Dispenser and reliable. Ex-Servicemen preferred. 552/633, London Office of this Paper.

**Q**UALIFIED Manager required for good-class Shop in country town. Apply with full details as to experience and salary required. 552/636, London Office of this Paper.

**T**AYLORS British Chemists have vacancies. Qualified Managers and Assistants, male or female, in the Midlands, North of England and Scotland. Apply Retail Staff Department, Burley Hill, Leeds, 4.

**T**IMOTHY WHITES & TAYLORS will shortly have vacancies for pharmacists, male or female as Managers for branches at Portsmouth, Horsham, Grantham, Romsey, Brighton and Wealdstone. Local interviews arranged. Full particulars to, Retail Staff Department, 70 Vauxhall Bridge Road, London S.W.1.

**U**NQUALIFIED Assistant, male or female, required for Counter and Light N.H.I. Dispensing. Apply giving usual particulars, salary required and experience to H. Hocken, Ltd., 33 Station Road, Redhill, Surrey.

**U**NQUALIFIED Male Assistant required at once for City Branch, mainly counter work; evenings, no Sunday duty, half-day Saturday; permanent comfortable post for right man. Full details first application by post. Hancock & Co., Ltd., 144 Fleet Street, London, E.C.4.

**U**NQUALIFIED Assistant required at once for Counter and Dispensing. No Sunday duties. Particulars and wages to Harold Miller, Ltd., High Street, Cheltenham.

**W**ANTED immediately. Competent, experienced Lady Assistant, unqualified, not eligible for military service. State experience, wages, etc. Photo if possible. Barton, 54 High Street, Street, Somerset.

**W**ANTED qualified Woman Chemist, N.H.I., for January and February, with a view to permanency. Live in if desired. No Sunday or half-day duty. Write stating usual particulars. 553/641, London Office of this Paper.

## WHOLESALE

**C**HEMIST required in London District for Manufacturing Chemists. Must have knowledge of Pharmaceutical and Chemical Manufacturing. Good salary and permanency. Write fully, giving age and present position regarding National Service. 551/601, London Office of this Paper.

**C**OSMETIC Wholesalers require Traveller to call on Chemists and Departmental Stores in the Midlands; also one for Scotland. Salary and good commission. 552/612, London Office of this Paper.

**UE** to death of Representative, live connexion is available in South and South-West Counties, ending north to Banbury. Well-established dealer of Chemists' Medical and Surgical supplies. Must be car owner, exempt and live in the territory stated. First-class references necessary; full particulars. 552/622, London Office of this Paper.

**EXPERIENCED** Traveller required for old-established pharmaceutical firm to visit chemists (retail and wholesalers) in the Midlands. Good salary and commission. 551/603, London Office of this Paper.

**EXPERIENCED**, well-connected Travellers calling exclusively upon the Retail and Wholesale Chemistry trade, required to carry additional work nationally advertised patent medicine on weekly expenses and commission basis. Write in confidence stating age, present employers represented, and territory covered. 552/636, London Office of this Paper.

**ADING** company offers permanent position with excellent post-war prospects to two men as representatives. Men capable of earning upwards of £40 per annum write in confidence. 552/644, London Office of this Paper.

**NDON** Manufacturing Chemists require Under-manager or Manageress, exempt, to take charge packing and ampouling departments. Experience preparation of sterile solutions and ampouling advantage. Good post-war prospects. Full particulars and salary required to 551/606, London Office of this Paper.

**GGESON & CO., LTD.**, require Representative experienced in contacting Chemists in Wales and the West Midlands. Must be exempt from any service or an ex-Serviceman. Applicants to apply by letter giving full particulars of previous experience, etc., to Chessington Hall, South Kingston, Surrey.

**LAND** and S. Wales Territory. London Tablet Firm requires the services of a Representative with some Retail experience, exempt military service, and extend existing connexion. Preferably resident in Birmingham district. State territory required, experience and nature of goods previously sold, age, remuneration required and when available in full in first letter, which will be treated in confidence. CDB/225, London Office of this Paper.

**ARMACIST** for London Wholesale House. To control D.D.A. records, and assist generally. Sound trade experience desirable and possessability. Exempt military service. Applicants to state experience, salary expected and enclose copies of testimonials. 552/627, London Office of this Paper.

**GRESSIVE** Organisation requires Qualified Chemist for Pharmacy Department. Either sex, exempt national service. Good salary and prospects. 553, London Office of this Paper.

**REPRESENTATIVES** wanted. London and South, Birmingham area, Manchester area, and Wales area. Old-established and new lines. Commission and expenses, or commission only. The Band Chemical Co., Ltd., Richmond Terrace, South Shields.

**REPRESENTATIVE**, whole-time, required by London Manufacturing Chemists and Wholesale Druggists to visit customers, Eastern Counties and Midlands. Salary, expenses and commission. State experience, connexion, and remuneration to 553/645, London Office of this Paper.

**REPRESENTATIVE** wanted for Gloucestershire, Dorsetshire, Wiltshire and Somerset to carry commission basis Brushless Shaving Cream. Only persons with good established connexion apply. 553, London Office of this Paper.

**REPRESENTATIVE** required for Midlands Territory by old-established firm to call on Stores, Grocers, Hairdressers, etc. Permanent position. Salary, commission and expenses. Write full particulars. 552/634, London Office of this Paper.

**R**EPRESENTATIVES wanted, calling on Chemists and Ladies' Hairdressers for Emulsion Waxes, Essential Oils and many other raw materials to cover Lancashire, Yorkshire, South Wales, Devon and Cornwall, on salary and generous commission. Only first-class salesmen are invited for inquiries. 552/640, London Office of this Paper.

**SURGICAL** Fitter, male, required, must have expert knowledge of fitting trusses, belts, elastic hosiery and other appliances. Also knowledge of orthopaedics. State qualifications, age, experience and salary required. Box 783, Samson, Clarke, 57/61 Mortimer Street, London, W.1.

**WORKING** Chemist (qualified M.P.S.) wanted for factory making Dental Creams, Dentifrice, etc., and packed Chemists' lines, in London area. Applicants should give fullest details of manufacturing experience, salary required, and liability or otherwise for military service to Skuse & Co., Ltd., 839/841, Harrow Road, Willesden, London, N.W.10.

**WANTED.** Representative to call on Pharmaceutical Trade in N.E. Counties, for Medicinal Proprietaries, Surgical Dressings and Plasters and Beauty Products. Write fully, giving previous experience, if any, age, whether militarily exempt, and salary required to Sales Manager, Fassett & Johnson, Ltd., 86 Clerkenwell Road, London, E.C.1.

**WAREHOUSE** Assistant, also experienced Counter Hand, exempt military service, required by London Wholesale Druggists. Good wages and conditions. Apply with particulars of salary required. 552/626, London Office of this Paper.

## SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word.

### WHOLESALE

**ADDITIONAL** Established Proprietary Representation (Antiseptics and Disinfectants excluded) required by experienced and successful traveller covering Midlands and Wales. 553/647, London Office of this Paper.

**A WELL-KNOWN** Agent covering South West England and South Wales (10 years) desires additional established Proprietary representation. CDB/221, London Office of this Paper.

**PHARMACIST** (B.Pharm., P.H.C.), 26, seeks post in Laboratory Research, Pharmacological, Bacteriological, or any similar work. Southern England preferred. Exempt. 553/646, London Office of this Paper.

**PHARMACEUTICAL** Chemist, thirty-one, exempt, healthy, seeks Representative post with reputable firm. 552/630, London Office of this Paper.

**REPRESENTATIVE** Resident, Berks, desires contact reputable firm requiring representation, W., S.W., and Home Counties. Many years' experience this area. Excellent references, and sales record. Exempt but no disabilities. 552/642, London Office of this Paper.

## BUSINESSES FOR DISPOSAL

7/6 for 40 words or less, 2d. for every additional word.

**FAVERSHAM.** (Death vacancy.) Old-established market town. Same hands, 41 years. Turnover, £3,000. Scope for increase. Living accommodation. Own freehold. Will sell or grant lease. Fully stocked. Offers invited. Personally inspected, valued and recommended. Apply Bardoe & Fish, Valuers, 41 Argyle Square, London, W.C.

**HERNE HILL** (death vacancy). Old-established Business same hands over 50 years; turnover exceeds £3,000. Scope for increase, living accommodation, own freehold. Will sell all-in price £3,000, or grant Lease fully stocked. No Agents need apply. Principals only. Box 384, c/o Streets, 8 Serle Street, London, W.C.2.



## APPOINTMENTS

### DEVON MENTAL AND EMERGENCY HOSPITAL

EXMINSTER, NEAR EXETER

ASSISTANT DISPENSER required, male or female, unqualified; hospital experience and the holding of Hall Diploma an advantage, but not essential; hours: 9 a.m. to 5 p.m. daily; Saturdays, 9 a.m. to 12.30 p.m. Sunday duty for one hour every third week. Apply, stating salary required and enclosing copies of three recent testimonials to the Medical Superintendent.

### SURREY COUNTY COUNCIL

PHARMACIST at Warren Road Hospital, Guildford. Candidates must be M.P.S., or Ph.C. Commencing salary according to experience on grade £275 × £10—£325 p.a. plus war bonus 14s. per week. Apply to Medical Superintendent.

## AGENCIES

7/6 for 36 words or less, 2d. for every additional word.

**A** GENT inquires for (post-war development) first-class lines for Egyptian, Palestinian and Sudan markets; existing connexions, samples, and letters in first case to Brind, "Oakleigh," Burtons Green, Halstead, Essex.

**N** O R T H E R N I R E L A N D. Representative with well-established connexion Wholesale and Retail Chemists and Grocers, seeks additional Agencies. Now in London and will call personally with any House desiring Representation in Northern Ireland. 552/631, London Office of this Paper.

**T** R A V E L L E R S required calling on Chemists and Stores to handle lucrative line in great demand, for first class company. 552/643, London Office of this Paper.

## WANTED

7/6 for 36 words or less, 2d. for every additional word.

**A** S P I R I N Powder, Crystals, Grans., and 5-grain tablets, required in large or small quantities. Highest market prices paid. 442/304, London Office of this Paper.

**C** R E A M Mixer, Hobart planetary type, wanted, 50 or 80-qt. size. CDB/224, London Office of this Paper.

**R** A D. Ipecac. wanted. Offers with samples to 552/629, London Office of this Paper.

**S** T E A R I C Acid, M.P. from 120 degrees upwards, required by manufacturers. 449/515, London Office of this Paper.

**W** A N T E D, Microscopes, all models, particularly good outfits up to £300 or £400. High prices, immediate cash. Wallace Heaton, Ltd., 127 New Bond Street, W.1.

**W** A N T E D, Loofahs and Sponges, any condition. United Sponge, 41 Royal Mint Street, London.

**W** A N T E D, Yohimbine HCl, Sulphonal, Methyl Sulphonal, Phenacetin, Betaine HCl, Amydrine HCl. Any quantity. Offers to 551/608, London Office of this Paper.

**W** A N T E D, Tablet Machine, single punch, up to 1/2 for experimental work, hand or power. CDB/223, London Office of this Paper.

## MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or

**F** O R Sale, Triple Steel Roller Mill, 19" roll "Phone Reliance 3018.

**F** O R Sale, small single-punch Tableting Machine suitable for hand or power. 552/632, London Office of this Paper.

**L** I M I T E D Supply—surplus quantities—Rubber and Substituted Rubberized Sheetings for blot sheets and hospital beds, sizes and prices 1/19 in. by 24 in., 15/11 per dozen, plus one-third purchase tax. Also some other sizes and quality. Write for patterns and particulars to S. Glass, 327 Fulham Road, London, S.W.10. Phone, Fulman 9559.

**S** M A L L Clearance Stocks for Disposal. Stearic Acid. White Block. Crystalline fracture. 14 a 3s. 2d. per lb. 28 lb. at 3s. per lb. Talc in 80 Free bags, 30s. each. Carriage paid, C.W.O. Rawst Chemist, Waterfoot, Lanes.

**S** O A P Machinery for Sale. One Granite 3-Roller Mill by Forshaw, rollers 24 in. × 12 in. dia complete with Feed Hopper, Discharge Shoot, etc. Also one Plodder by Forshaw, belt-driven, wheel 8 in. diam. Both machines in excellent condition. May be inspected in situ, running. Write, Box 2 Sells, Ltd., Brettenham House, Strand, W.C.2.

**500** Stone Jars, 18" high, tapered neck, bung at 4s. 9d. each, taking lot. Reasonably close inside. L. Banks & Co., Ltd., Dept. 3, 1/3 Springfield Lane, Kilburn, London, N.W.6. Mai 2748.

## BUSINESSES WANTED

7/6 for 40 words or less, 2d. for every additional word

**C** H E M I S T'S Business required, 10-15 miles Charing Cross. Generous price paid; banker's reference. All information in strict confidence. 551/579, London Office of this Paper.

## BUSINESS OPPORTUNITIES

7/6 for 40 words or less, 2d. for every additional word

**L** O N D O N Manufacturers of Chemists' Sundries wish to contact a reputable provincial firm manufacturers of non-competitive lines (manufacturing chemists and/or manufacturers of cosmetics) for the purpose of arranging close sales co-operation now and after the war. 552/638, London Office of this Paper.

**M** A N U F A C T U R I N G Chemists with factory North London would take packing orders, in which they have every facility available. 552/629, London Office of this Paper.

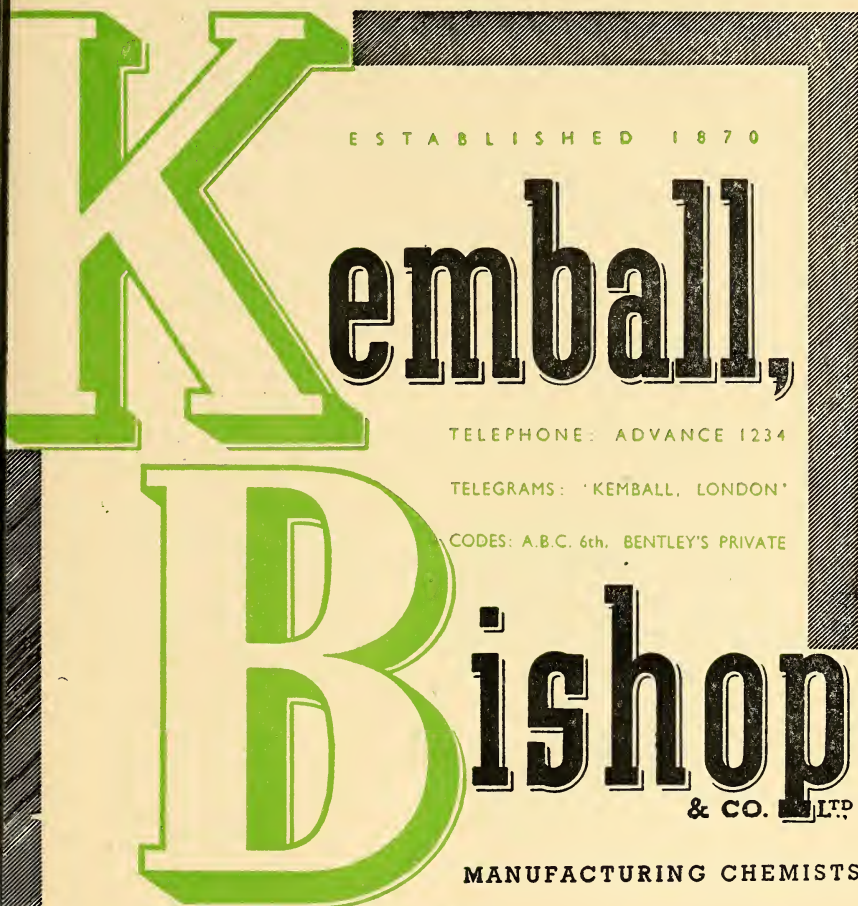
**P** R O P R I E T A R Y Firm wishes to contact first-class Tableting House who can undertake additional tableting and packing to owner's specification. Raw materials supplied. Replies to 552/639, London Office of this Paper.

## SHOP FITTING

**MYERS OF OLD ST. THE PHARMACEUTICAL FITTERS**

**ALL PHARMACY FITTINGS.** New and Secondhand From the single unit—to the complete Pharmacy. Write, Phone or call

**L. MYERS, 133-135 OLD ST., E.C.1. Phone: CLE 638**



ESTABLISHED 1870

TELEPHONE: ADVANCE 1234

TELEGRAMS: 'KEMBALL, LONDON'

CODES: A.B.C. 6th, BENTLEY'S PRIVATE

MANUFACTURING CHEMISTS

BROWN CHEMICAL WORKS, THREE MILL LANE, BROMLEY-BY-BOW, LONDON, E.3.

**CITRIC ACID. TARTARIC ACID.**  
**CREAM OF TARTAR. ROCHELLE SALTS.**  
**CALCIUM GLUCONATE.**  
**LITHIUM CARBONATE,**  
**CHLORIDE AND HYDROXIDE.**

QUALITY GUARANTEED



THE  
CHOICE  
OF  
EXPERTS

# ZEAL

BRITISH  
MADE



## CLINICALS

G.H. ZEAL LTD. LOMBARD R'D, MORDEN R'D, LONDON, S.W.19

No higher in price than nondescript makes... Also—Household Bath and Works Thermometers, the best of their kind.

Phone: LIBERTY 2283-4-5

### SALES THROUGH CHEMISTS ONLY



SAFETY AND IMMEDIACY OF RELIEF IN ASTHMA ARE ENSURED BY  
**FELSOL POWDERS**

**STANDARD SIZE**  
Retail 2/10 (Inc. Tax)

**LARGE SIZE**  
Retail 11/3 (Inc. Tax)

**P.A.T.A.**

#### BONUS TERMS

One box on each dozen small boxes, or assorted sizes equivalent to retail value of one dozen small.

*These terms are not applicable in Eire*

#### ALL WHOLESALEERS CAN SUPPLY

*If you have difficulty in obtaining supplies get into direct contact with*

## BRITISH FELSOL COMPANY LTD

WIGTON HOUSE, 206-212 ST JOHN STREET, CLERKENWELL, LONDON, E.C.1.  
Telephone. CLERkenwell, 5862 Cables 'Felsol' SMITH, London.